



Braskem Idesa

**Integrated Report
Annual Sustainability -ESG Report**

2021

CONTENTS

ABOUT THIS REPORT

LETTER FROM THE CEO

CORPORATE PROFILE

CORPORATE GOVERNANCE AND COMPLIANCE

FINANCIAL PERFORMANCE

ENVIRONMENTAL PERFORMANCE

SOCIAL PERFORMANCE

COVID-19 SUPPORT PROGRAMS

EARTH CHARTER

CERTIFICATIONS AND AWARDS

MATERIALITY

ALIGNMENT WITH GLOBAL SUSTAINABILITY STANDARDS

GRI, SASB CONTENT INDEX AND VERIFICATION



[102-1, 102-5, 102-45, 102-48, 102-49, 102-50, 102-51, 102-52, 102-54, 102-56]

ABOUT THIS REPORT

Braskem Idesa S.A.P.I (Investment Promotion Corporation) and Braskem Idesa Servicios S.A de C.V have drafted their annual Sustainability Report, which outlines the results, performance, initiatives, commitments, achievements and challenges of the period comprising January 1 to December 31, 2021.



[102-10, 102-45, 102-48, 102-49, 102-51, 102-52, 102-54, 102-56]



This year, we saw significant developments in our operations thanks to continuous production throughout the year, substituting Natural Gas for ethane to help ensure the continuity of our processes. We also started building our new Ethane Terminal, which will provide the raw materials we require to operate. In financial and environmental terms, we refinanced our entire Project Finance debt structure, helping to achieve our zero-emission goal by 2050.

In compliance with reporting methodology, we declare that “this report has been prepared in accordance with the GRI Standards: Core option stipulated by the Global Reporting Initiative (GRI)”. Furthermore, there were no modifications to the information, which has been verified by an external party. In addition to our sustainability strategy and vision, we are working on a new materiality to update material issues, which we will present in our next report.

[102-14, 102-15]

LETTER FROM THE CEO

2021 was a year of numerous achievements and challenges for Braskem Idesa, and we accomplished outstanding results by acting accordingly with a framework of transparency, ethics and integrity at all levels within the company and with all our stakeholders.

We maintained operations at our industrial complex and our businesses despite the COVID-19 pandemic, focusing especially on driving a strong connection with our stakeholders – Team Members, investors, clients, suppliers and communities – rolling out on-going communication efforts and prioritizing their physical and emotional health through the implementation of numerous prevention measures, such as remote working and the development and creation of value propositions for our professionals who have shown high levels of resilience and commitment.

Furthermore, one of our non-negotiable values is the safety of our operations and people, having achieved positive results this year once again, on a par with the best petrochemical companies in the world.

In terms of operations at our complex, one major pillar of our business is the access to raw materials (ethane gas), and this year we reached two milestones: firstly, our Fast Track project, which began operating last year at the Integrated Port Administration (API) in Coatzacoalcos, has enabled us to import ethane to help increase our access to raw materials; secondly, during 2020, we experienced a unilateral interruption in natural gas supplies, which led us to implement a strategy to resume operations and mitigate the effects on the value chain.

As a result of this situation, in 2021 we reopened discussions with the Mexican government and with PEMEX, leading to an addendum to the ethane supply contract we signed in 2010 that includes new supply conditions that benefit both parties. This agreement also resulted in PEMEX and other government agencies committing to the construction of a permanent ethane import terminal, representing an investment of USD \$400 million, which will allow us to drive efficiency and guarantee sufficient ethane supply to operate our plant at 100% of its capacity, increase availability, and drive our competitiveness within the polyethylene market in Mexico, which is a structural part of our long-term business.

Furthermore, and thanks to this long-term agreement to supply ethane as a raw material, we were able to issue a USD \$1.2-billion bond on the international capital markets, which, in addition to the bond we issued in 2019, has allowed Braskem Idesa to restructure its capital and free up resources to drive the company's growth through investments, the terminal project, and sustainability projects, which are of key importance over the coming years. This bond was issued, in line with our sustainability vision and commitment, through a Sustainability Linked Bond (SLB) that represents our commitment to reducing Scope 1 and 2 Greenhouse Gas (GHG) emissions by 15% by 2028, helping to drive our strategy, which began in 2021, through projects and actions to help fulfil our commitment.



Stefan Lepecki
CEO - Braskem Idesa

[102-14, 102-15]

In terms of sustainability, we are governed by our Global Sustainable Development Policy, which is based on the United Nations Sustainable Development Goals (SDG), and in the understanding that economic challenges, the scarcity of natural resources, and climate change require urgent action and adaptation. This is why our sustainability strategy is based on 7 macro-objectives (Health and Safety, Economic and Financial Results, Plastic Waste, Operational Eco-Efficiency, Climate Change, Social Responsibility, and Human Rights and Sustainable Innovation). I would like to emphasize the advances that we have made in the Circular Economy through the development of sustainable solutions for our clients, including Post-Consumer Recycled (PCR) polyethylene, our Emissions Reduction Plan, social management, and our commitment to the communities within our areas of influence.

In terms of the Circular Economy, we saw a major shift in the production and sale of PCR resin, and we created a joint venture through a Memorandum of Understanding (MOU) with the Mexican recycling company Alcamare. This joint venture is the combination of our experience in business, technology and logistics and their experience in the field of collection and recycling, the result of which has been a three-fold increase in the production and sale of this product compared to 2020. We have focused on the Mexican market, and we also export to Central America and the United States.

We are also involved in on-going projects with our value chain through partnerships, technology generation, innovation, and the development of collaborative projects to promote education surrounding recycling and responsible consumption. We also lobby for adequate legislation, highlighting how plastics improve people's lives and reaffirming how this change cannot be brought about alone.

During 2021, we maintained our social license to operate by driving harmonious, transparent and clear communication and interaction with the communities located within our complex's area of social influence. We achieved this through a range of community engagement programs that focus on creating jobs, developing the local economy, and ensuring the health and safety of people within the community.

For all of us at Braskem Idesa, it is of the utmost importance that we continue developing our human capital and promoting issues such as diversity, inclusion, ethics and environmental conservation, all of which play a major role in our business and in the world.

As a company, we are extremely proud of our achievements and contributions, and we are fully aware that there is still work to be done. We are committed to becoming an even more sustainable company that is underpinned by a strong culture of ethics and corporate governance in order to continue creating value for all our stakeholders.

In conclusion, I would like to thank our shareholders, clients and suppliers for the trust they have placed in us, and, above all, I would like to thank our team for their professionalism, commitment and passion, which has allowed us to continue positioning ourselves as a global benchmark.

Stefan Lepecki
CEO- Braskem Idesa



CORPORATE PROFILE



12

13

[102-16]

Principles

We are committed to conducting our business and engaging with our stakeholders within a framework of ethics, integrity and transparency that is underpinned by our principles and values:

- **Integrity:** We ensure that ethical integrity is the foundation of the corporate governance systems regarding the company's internal and external relations.
- **Transparency:** We provide transparent information and promote free, accurate and effective communication.
- **Ethics:** We act based on a framework of standards that are legal, statutory or regulatory in nature.
- **Continuity:** We closely monitor our operations and ensure compliance in all areas.
- **Responsibility:** We help the Board of Directors ensure the sustainability of the company by incorporating a wide-ranging business strategy that encompasses sustainable development principles.
- **Equality:** We treat our stakeholders in a fair and equitable manner.

[102-16]

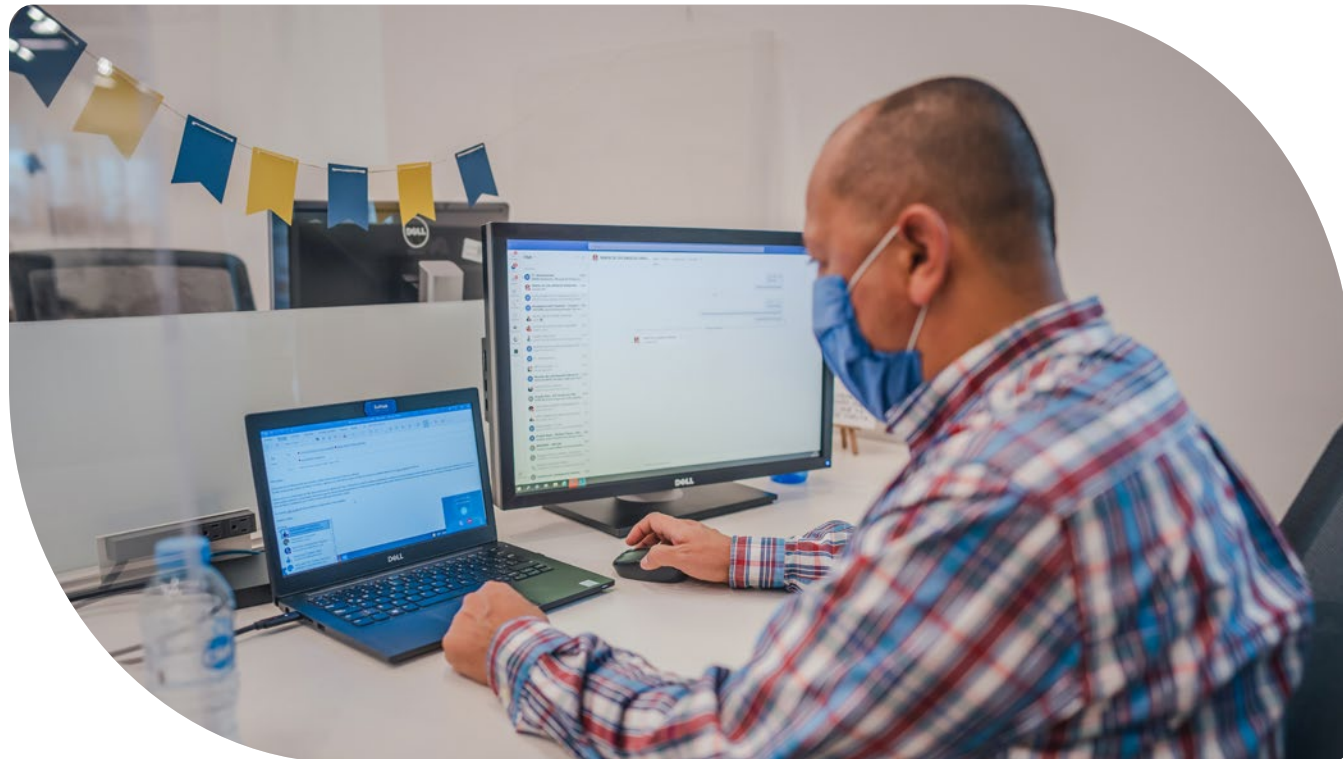
Values

Our values are the pillars of Braskem Idesa's organizational structure, and they underpin the way in which we develop quality processes and policies that help ensure the company operates correctly:

- **Trust in People** and in their capacity and desire to prosper.
- **Customer Satisfaction**, focusing on quality, productivity and environmental and social responsibility.
- **Returns for shareholders** and the valuation of their assets.
- **Collaboration** between those who participate in the design and implementation of the company's operations, in addition to its business results.
- **Employee Self-Development**, mainly through workplace education, driving the growth and sustainability of the organization.
- **Reinvestment** to create new employment opportunities and contribute to community development.

ALL OUR OPERATIONS

and engagement activities are undertaken within a framework of integrity, ethics and transparency.



[102-2, 102-4, 102-6, 102-7]

[102-2, 102-4, 102-6, 102-7]

Operations Map

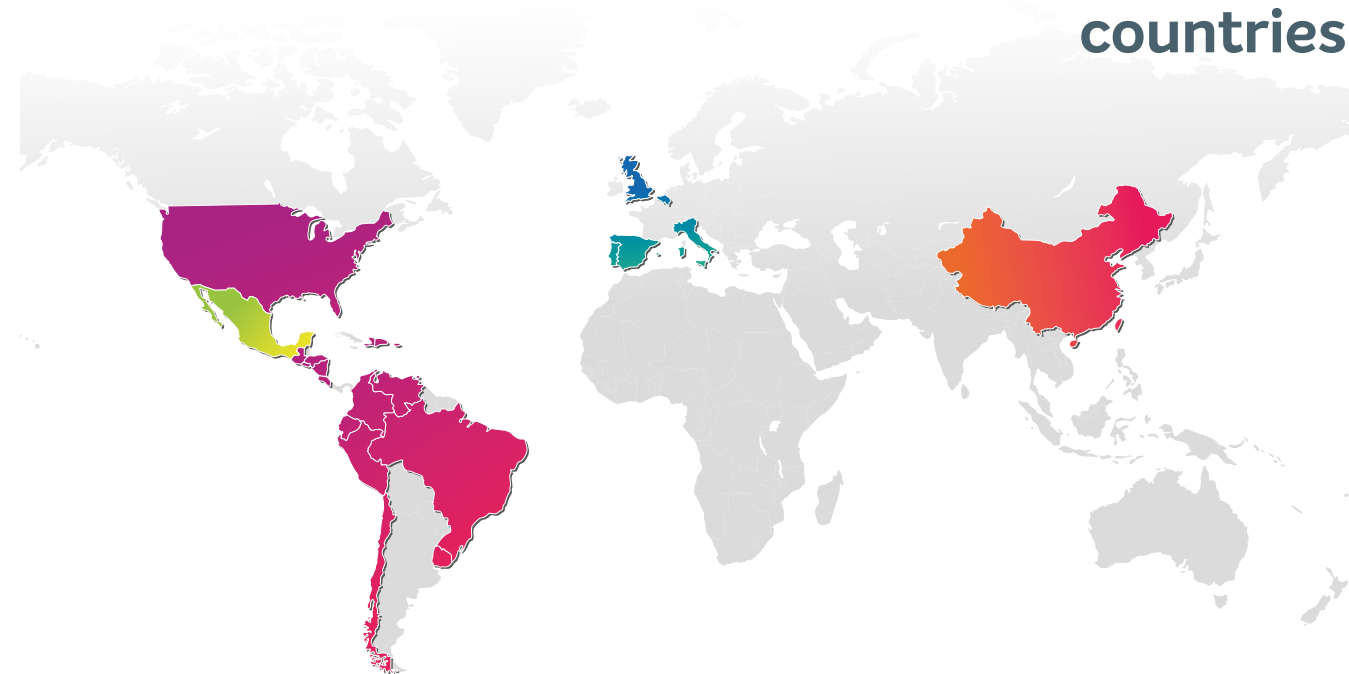
We have a team comprising 939 Team Members who, thanks to their talent and energy, help increase our company's production capacity and ensure that our products reach an ever-growing number of markets.

Our products are made in Mexico and exported to Latin America, Europe and Asia, including to countries such as: Belgium, Brazil, Chile, China, Colombia, Costa Rica, Ecuador, El Salvador, Spain, the United States, Guatemala, Haiti, Honduras, England, Italy, Mexico, Nicaragua, Peru, Portugal, Puerto Rico, the Dominican Republic, Trinidad and Tobago, Uruguay, and Venezuela.



4
industrial plants in
Nanchital, Veracruz Mexico.

Exports
to more than
25
countries.



939
Team Members.

Production
capacity of more than
1.05
million tons of
polyethylene/year

[102-2, 102-6]

Market Segments and Products

During 2021, we produced **696,000 tons of polyethylene** as a result of an increased supply of domestic ethane and the solid performance of our Fast-Track Project, in addition to the reliability of the human capital at our cracker, our two High-Density Polyethylene plants, and our Low-Density Polyethylene plant at our petrochemical complex, located in the municipality of Nanchital de Lázaro Cárdenas del Río in the state of Veracruz.

Furthermore, and fully aware of the role we play within the value chain, we are constantly driving innovation in order to develop and improve High-Density Polyethylene (HDPE), Low-Density Polyethylene (LDPE), Polypropylene (PP) distribution, and sustainable solutions that promote the Circular Economy, including Post-Consumer Resin (PCR) Polyethylene, in order to meet the requirements of the range of market segments we serve.

RIGID PLASTICS

INJECTION

Used in end injection molding applications, such as: toys, lids, containers, household items, buckets, tables, boxes and thin-walled containers, among others.

You can find our Injection Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=235>

PIPES

- Certified pressure pipes.
- Conduit (protection and conduction for electrical/telecommunications cables).
- Corrugated pipes (storm drainage, wastewater and sewage systems).
- Energy systems (natural gas, LPG, propane).
- Local and industrial (potable water, mining, industrial-chemical).

You can find our Pipes Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=238>

BLOW-MOLDED

We offer small- and large-volume blow-molded materials with a comprehensive portfolio of unimodal and bimodal packaging for products ranging from 0.2 to 1,000 liters. Our resins offer the perfect balance between processing and mechanical properties in order to meet the needs of our clients. They are used in the manufacturing of:

- Containers for food and beverages (dairy, juice, etc.).
- Containers for industrial chemicals and cleaners (detergents, bleaches, softeners, etc.).
- Containers for healthcare and personal care products (medication, shampoos, conditioners, etc.).
- Containers for agrochemicals (fertilizers, herbicides, pesticides, etc.).

You can find our Blow-Molded Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=237>

[102-2, 102-6]

FLEXIBLE PLASTICS

FILM

We offer resins to meet the needs of numerous sectors, including agro-industrial applications, geomembranes, and films and foams for numerous applications, including:

- High Molecular Weight Film used mostly in the shopping bag and bag roll market.
- Low-Density Polyethylene, which can be used in a wide variety of applications, from simple films to multi-layer and laminated films.
- Thermo-Shrink Film with three grades of low-density polyethylene for the production of thermo-shrink films.
- Medium-resistant film for the packaging of numerous products, in addition to the outer films of diapers.
- HDPE and LDPE mixes for extrusion, bags and sacks, bottles for consumer goods, agricultural film and greenhouse sheeting, industrial film, thermo-shrink film and blown film.
- Low molecular weight LDPE for industrial bags, thermo-shrink agricultural films, pipes and hoses.
- Special films for the production of highly resistant geomembranes for a wide range of chemical products, offering long-life and high-rigidity and transparent films.

You can find our Film Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=236>

POLYPROPYLENE

- product portfolio.
- We have production plants in numerous geographical locations.

You can find our Polypropylene Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=234>

POST-CONSUMER RECYCLED POLYETHYLENE RESIN (PCR)

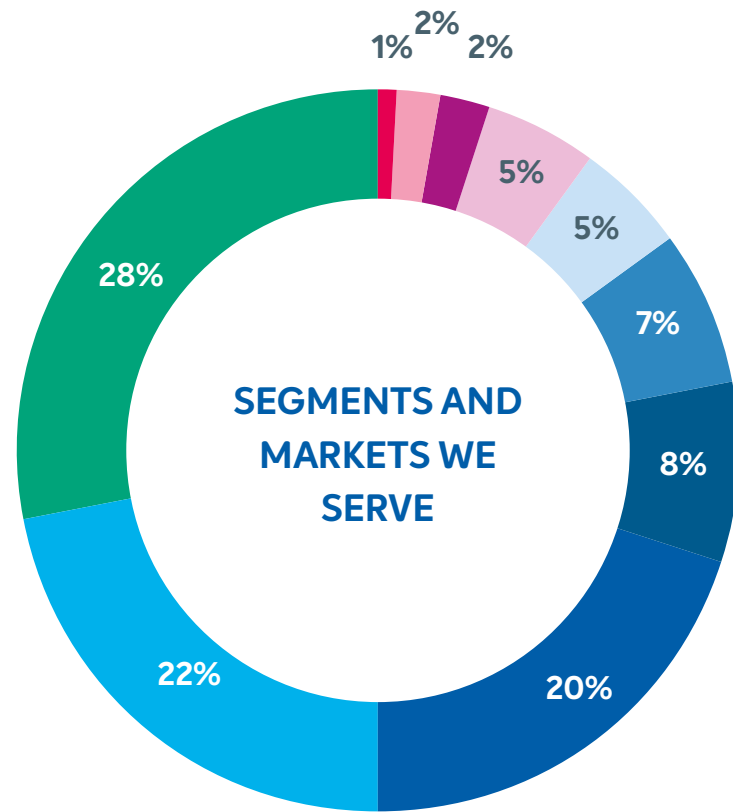
- High-quality Post-Consumer Recycled Polyethylene Resin (PCR) that offers superior quality for high-performance process control, in addition to generating environmental and social value (aimed at packing and packaging applications).
- Collection of post-consumer materials through strategic alliances with leading recyclers in Mexico.
- Resin made in Mexico.

You can find our Catalog by clicking on the following link:

<https://www.braskemidesa.com.mx/Idesa/catalogos?key=80>

[102-2, 102-6]

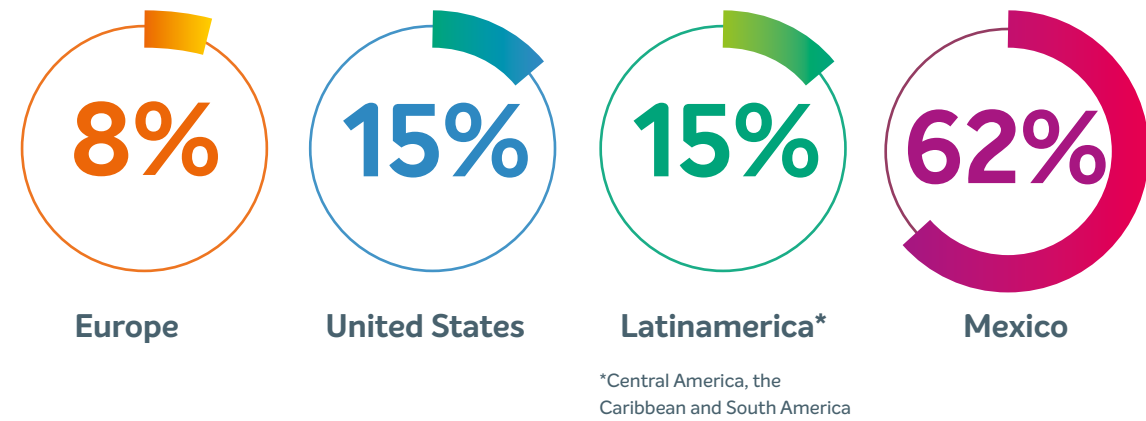
We offer innovation solutions that serve different market segments within the industry and meet the expectations of our clients, ensuring we offer them the highest quality service by driving innovation and development within our product portfolio.



- Cosmetics and Pharmaceutical
- Agriculture
- Others
- Chemical
- Hygiene and Cleaning
- Construction and Infrastructure
- Industrial
- Packing and Packaging
- Distributors
- Bags and Films

[102-2, 102-6, 102-7]

In 2021, domestic sales represented 62% of total sales for the year. We achieved this by prioritizing sales to strategic local clients.



We consolidated our complementary Polypropylene (PP) and Post-Consumer Polyethylene Resin (PCR) operations. The sales volume for PP remained stable in a year-on-year comparison, reaching 11,000 tons, while the sales volume for PCR increased significantly by 174%, reaching 8,000 tons.

OUR COMMITMENT

is to offer our clients solutions through sustainable products in order to help them transition to a Circular Economy.



Value Chain

In keeping with our sustainability strategy, we drive economic, social and environmental development in the region surrounding our petrochemical complex, located in Nanchital in the state of Veracruz, Mexico. This region plays a key role in rail, port and land transport options that combine to create an integrated network that meets the needs of our clients.

This location and the strategies we have implemented allow us to deliver our products to clients in any part of the country in an average of 72 hours thanks to our 1,530 train cars and our logistics platform's rail terminal, which has a capacity for more than 400 hopper cars and 30 tank cars for chemical products, all of which are connected to the main rail concession in Mexico.

Furthermore, both innovation and the technology play a key role in our complex, which is one of the most modern of its kind in the world. We have 21 silos with a capacity of 500 tons each, which are connected via three bottling lines. We also have a 215,000-square-foot warehouse and a 300,000-square-foot open-air yard with a capacity to store more than 36,000 tons of polyethylene.




of our total sales are made through 5 logistics operators.




[102-40, 102-42, 102-43, 102-44]

[102-40, 102-42, 102-43, 102-44]


Stakeholders

Stakeholder engagement plays a fundamental role in helping us fulfil the commitments we have made to each of our stakeholder groups, in addition to promoting open and transparent communication to better understand their expectations, coordinating plans of action to help tackle any concerns they have, and understanding our areas of opportunity.

Stakeholders	Description	Expectations	Communication Channels
 <p>Creditors and Investors</p>	Financial organizations and institutions involved in international capital markets, our Project Finance and creditors in general.	<ul style="list-style-type: none"> Provide transparent and quality information Ensure that investors and creditors correctly analyze the company's credit 	<ul style="list-style-type: none"> Investor Relations Website (IR) E-mail IR Mailbox IR Phonenumber Management Call Consolidated Financial Statements Virtual visits to the complex Ethics Line
 <p>Team Members</p>	All of the company's employees who work to achieve its business goals and whose rights as workers are respected by the company, which promotes their professional development and respects the diversity they offer Braskem Idesa.	<ul style="list-style-type: none"> Good work environment Talent attraction and retention Career development Workplace diversity and equality Opportunities for professional growth Performance recognition Attractive salaries and benefits Workplace integration 	<ul style="list-style-type: none"> E-mail Newsletters Braskem Idesa TV Bulletin board Quarterly results meeting Mailboxes In-house Social Networks (Yammer) Braskem Idesa View Virtual visits to the complex Ethics Line
 <p>Associations (Chambers)</p>	Institutions that advocate the interests of the sector and in which Braskem Idesa engages to drive the best possible social and/or economic impact.	<ul style="list-style-type: none"> Partnerships to tackle the problems of climate change and environmental conservation Agreements to promote a sustainable plastic culture Support to develop public policies underpinned by science 	<ul style="list-style-type: none"> Meetings Events Commissions Working groups Virtual visits to the complex

Stakeholders	Description	Expectations	Communication Channels
 <p>Clients</p>	Companies that acquire Braskem Idesa's products to make their own and reach their end consumers. Braskem Idesa strives to meet their needs through innovation, technology and the highest levels of quality and service.	<ul style="list-style-type: none"> Quality and safety Efficient time management Price vs. quality Opportune monitoring and follow-up Innovation and development Technical service 	<ul style="list-style-type: none"> Satisfaction, reputation and image surveys Client engagement events E-mail Suggestions box Fairs/Expos Meetings Visits Ethics Line Braskem Idesa website
 <p>Suppliers</p>	Those who supply the resources, raw materials and services required for Braskem Idesa's operations, which is why we treat them fairly and impartially, contributing to our sustainability strategy.	<ul style="list-style-type: none"> Fair trade practices Fair competition Supply responsibility Transparent assessment 	<ul style="list-style-type: none"> Audits E-mail Surveys Ethics Line Suggestions box Braskem Idesa website
 <p>Organizations and Institutions</p>	Social groups that work alongside Braskem Idesa to drive social development, knowledge, and growth in the communities in which the company operates.	<ul style="list-style-type: none"> Partnerships to promote sustainable development 	<ul style="list-style-type: none"> Meetings Face-to-face visits Suggestions box E-mail Ethics Line Braskem Idesa website

[102-40, 102-42, 102-43, 102-44]

Stakeholders	Description	Expectations	Communication Channels
 <p>Community</p>	<p>The people on which the company's operations have an impact or benefit. Braskem Idesa strives to operate responsibly and transparently in its dealings with the community, helping drive its development and contributing to safeguarding its natural resources, in addition to organizing activities that benefit it socially.</p>	<ul style="list-style-type: none"> • Social support • Contributions to community development • Donations 	<ul style="list-style-type: none"> • Phone calls • Videoconferencing and Instant Messaging • Suggestions box • E-mail • Community telephone • Semi-annual reports • Open House • Informative videos • Institutional letters and memos • Virtual visits to the complex • Ethics Line • Reputation and image survey • Community meetings and visits • Complaints Procedure (MAQ) • Community engagement events • Community newsletter • Braskem Idesa social networks
 <p>Authorities</p>	<p>All domestic or international government bodies, whose regulations and auditing processes regulate Braskem Idesa's operations and processes.</p>	<ul style="list-style-type: none"> • Compliance • Forging of partnerships to drive development 	<ul style="list-style-type: none"> • Institutional meetings • Joint events • Institutional letters • Ethics Line • Braskem Idesa website
 <p>Media Outlets</p>	<p>Publications that transmit and create informative content for public or private use, and which have an influence on Braskem Idesa's operations and its surroundings.</p>	<ul style="list-style-type: none"> • Clear and true information • Relevant information for public analysis • Advertorials • Focus on significant issues 	<ul style="list-style-type: none"> • Meetings • Conferences • Interviews • Press seminars • Institutional letters and press releases • Ethics Line • Braskem Idesa website



Every year, Braskem Idesa takes part in the Global Reputation and Image Survey, which is coordinated by RepTrak®, a specialist consultancy firm. This survey provides crucial information about what the company's stakeholders think, feel and believe, and it allows us to develop strategies to cement our reputation through a methodology that is based on quantitative and qualitative surveys conducted among our major stakeholder groups: clients, Team Members, communities, society and the financial market.

WE BOLSTERED OUR REPUTATION

through the **RepTrak® Global Reputation and Image Survey.**

[102-7]

BRASKEM IDESA IN NUMBERS



We issued

a USD \$1.2-billion **Sustainability Linked Bond (SLB)** on the capital market, which was recognized by Global Capital as the Latin America Operation of the Year.



We signed

a **Memorandum of Understanding with Alcamare** to produce PCR resins for food products and applications.



ESR®

certified for 4 consecutive years now, and we were recognized within the Best Practices category for our programs to tackle COVID-19. Both of these awards are presented by CEMEFI.



We began the

construction of Terminal Química Puerto México, the permanent terminal for ethane imports at the Integrated Port Administration (API) in Coatzacoalcos. A total investment of almost **USD \$400 million** will be spent on this project.



We achieved

Operation Clean Sweep Blue certification as a result of our operational excellence and best practices in containing pellets and dust to help protect the environment and safeguard natural resources.



939

Team Members in 2021.



100%

of our Team Members were trained in the Code of Conduct and Anti-corruption measures



+9,000

people directly benefited through our Community Social Management programs.



+MXN 700,000

invested in ensuring the health and safety of our Team Members.



+ \$16,250 USD

invested and more than 1,900 hours in areas covering Diversity, Inclusion and Gender Equity.

BRASKEM IDESA'S COMMITMENTS



ENVIRONMENTAL

- ▶ **Maintain the best practices** of the **Operation Clean Sweep Blue** program to contain pellets and dust within our industrial areas in order to protect the environment.
- ▶ The global expansion of the I'm Green™ portfolio through Braskem and Braskem Idesa **by 2025**, reaching the goal of **300,000 tons of products made from recycled materials**.
- ▶ **Reduction in Greenhouse Gas emissions** (Scope 1 and 2) of **15% by 2028**.
- ▶ Global efforts to **avoid 1.5 million tons of plastic** waste being sent to landfill, for incineration or into the environment **by 2030**.
- ▶ **Carbon neutrality by 2050**.



FINANCIAL

- ▶ **The construction of Terminal Química Puerto México** in Coatzacoalcos, Veracruz, which will have a positive effect on the economy in the region and consolidate the competitiveness of the petrochemical industry around the country.
- ▶ **Incentive investments in the Sustainable Economy** as part of our ESG strategy in order to ensure the company's financial health, drive compliance, bolster our corporate governance, and reaffirm our total commitment to transparency for our stakeholders.



SOCIAL

- ▶ **Consolidation of our Social Management strategy** to directly and indirectly benefit communities located within the company's area of social influence in order to maintain our social license to operate.
- ▶ **Continuation of our Corporate Volunteering** programs, playing our role in society as agents of change through **alliances with associations and foundations** throughout the country in order to drive collaboration and generate shared value, well-being and a positive social impact on communities.

CORPORATE GOVERNANCE AND COMPLIANCE

We are firmly committed to working within an ethical framework and ensuring our stakeholders trust in our business by implementing best practices that underpin our commitment to the transparency and stewardship of our business.



[102-16]

Braskem Idesa Guidelines

At Braskem Idesa, we have implemented guidelines that help us ensure compliance at all levels within the organization: we prioritize ethics and transparency, ensuring compliance through policies, procedures and mechanisms to foment good management and help prevent any risks that could impact on our operations.

Guidelines and Policies

- Internal Audit Guidelines
- Internal Control Guidelines
- Disciplinary Measure Guidelines
- Conflict of Interest Guidelines
- Due Diligence Guidelines for Third Parties
- Guidelines for Engagement with Government Officials
- Global Corporate Risk Management Guidelines
- Donations and Sponsorship Guidelines
- Gift, Hospitality and Entertainment Guidelines
- Travel Expense Guidelines
- Global Sales Guidelines
- Global Corporate Risk Guidelines
- Global Procurement Guidelines
- Global Compliance System Policy
- Global Quality, HSE and Social Responsibility Policy
- Global Personal Data Privacy and Protection Policy
- Global Anti-Corruption Policy
- Risk Management Policy
- Global Sustainable Development Policy
- Code of Conduct
- Related Parties Policy

Procedures:

- Compliance Risk Control Matrix
- Donations and Sponsorship Procedure
- Restricted Third Party Procedure
- Antitrust Procedure
- Operational Compliance Procedure
- Ethics Line and Investigations Procedure
- Disciplinary Measures Procedure.
- E-mail collection Instructions
- Interview Instructions
- Gift, Hospitality and Entertainment Procedure
- Engagement with Government Officials Procedure
- Third Party Integrity Due Diligence Procedure

You can access our Compliance website in order to learn more about our policies, guidelines and procedures: <https://www.compliancebraskemidesa.com.mx/>

[102-18]

Corporate Governance

Our corporate governance comprises a Board of Directors that is tasked with managing our business. It is composed of 7 independent members, all of whom are experts in the chemical, petrochemical and plastics industry, and it meets at least once a quarter.

According to the Shareholder Agreement, Braskem can appoint 5 members to our Board and Idesa can appoint 2 members. Furthermore, the chair of our Board of Directors is not an executive at the company and has the same faculties as any other member of the Board. His or her function is to act as a link between the CEO and the Board, which is responsible for managing the company.

The majority of the decisions considered by our Board must be passed by a simple majority, and the CEO is the person responsible for implementing the Business Plan and the decisions reached by the Board of Directors, in accordance with the policies, values and principles of the company.

Furthermore, our Board members can serve for 2 years, with the possibility of re-election. The longest-serving director was appointed in April 2010, and the most recent director was appointed in January 2021.

Our corporate governance model operates within a framework that promotes an ethical, transparent and upright approach to how we treat our stakeholders. Our Board of Directors oversees the following committees:

- **Compliance Committee:** It supervises the activities of the company's Chief Compliance Officer and provides support in terms of issues regarding our compliance system. The major issues this Committee focuses on deal with ethics, integrity and transparency, the Code of Conduct, the Anti-corruption Policy, and other standards, documents, communications and training in compliance, internal audits, risk management, internal controls, Ethics Line (our reporting channel), and data privacy and protection.

[102-18]

- Finance and Investment Committee:** It reviews the company's annual budget and annual business plan, finance and investment policies (distributions, debt, insurance, securities, capital investments, etc.), financial results, reports, project and investment analysis, fiscal and financial affairs, and transactions with related parties.
- Strategic Operations and Management Committee:** It reviews the company's corporate policies, monitors its operational and industrial policies, appoints and/or substitutes executive directors, evaluates and monitors strategic situations or operations, and reviews and recommends operations with non-financial related parties.
- Corporate Image, Communication, People and Organization Committee:** It reviews People and Organization Policies and related strategic projects, and it approves and oversees the company's long-term incentive programs, annual bonuses for Team Members, the compensation budget, brand positioning, the image preservation strategy, and internal and external communication plans.
- Sustainability Committee:** It supervises and spearheads the company's Sustainability, Social Responsibility and Circular Economy strategy.

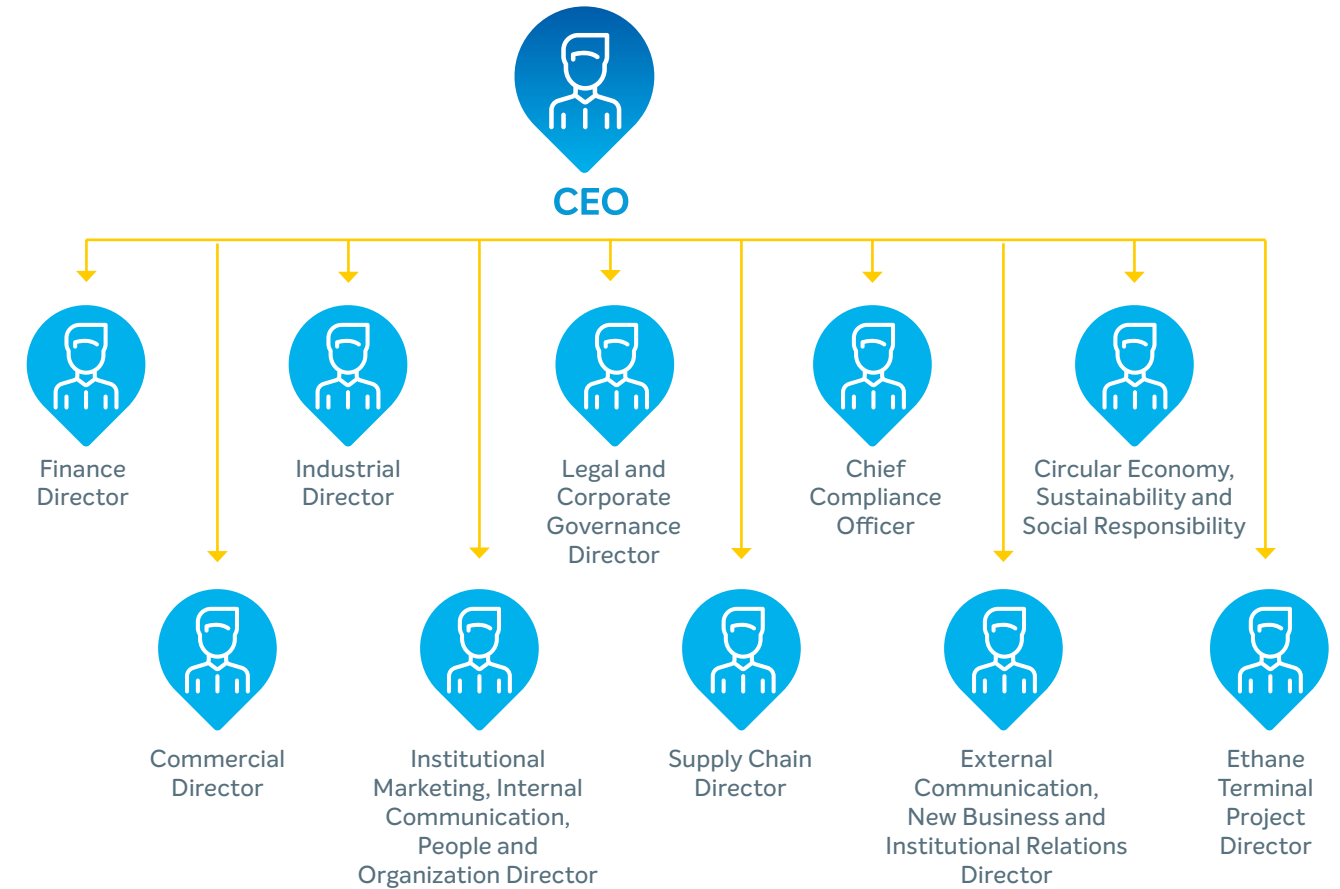
All our Committees convene at least once every three months to promote on-going communication, monitor and approve strategies, and drive advances in terms of the fulfilment of the company's goals and commitments.

Furthermore, the company's Business Plan is approved by the Board of Directors and is implemented by the CEO and his management team. The company's core values and strategic pillars focus on Environmental, Social and Governance (ESG) issues, which underpin the specific goals the company is focusing on in the short, mid and long term.

The Committees of the Board of Directors play a major role in overseeing these activities, and the company, through the Sustainability Committee, coordinates the Circular Economy, Sustainability and Social Responsibility strategy.

[102-18]

Structure of Braskem Idesa's Board of Directors



37



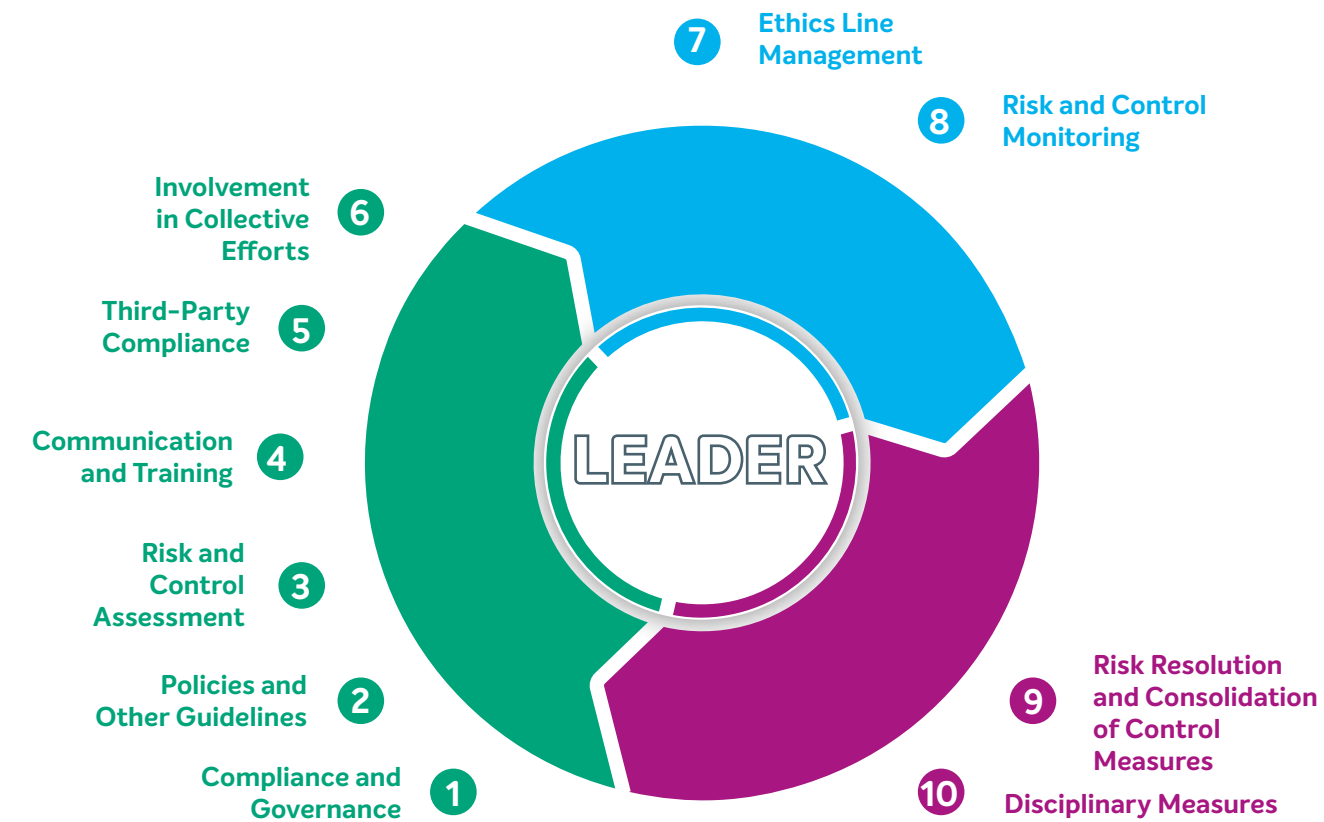
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[102-17, 103-2, 103-3, 205-1]

Compliance System

Our Compliance System is a model that allows us to prevent any risk covering integrity, ethics and transparency that could have an impact on our company. This system is controlled by the Compliance Committee and the Chief Compliance Officer (CCO), who are, in turn, monitored by the Board of Directors.

Our System is based on three pillars and divided into 10 compliance measures.



AT BRASKEM IDESA,

our risk prevention culture is embodied by all our Team Members.

[103-2, 103-3]

Furthermore, in order to underpin the ethical actions we undertake at Braskem Idesa, we have implemented ten guiding principles that govern how we interact with people inside and outside Braskem Idesa. These principles also help drive our commitment to being a company that acts in an ethical, honorable and transparent manner:

1. Embodying a zero-tolerance policy and combatting corruption in all its forms, including extortion and bribery.
2. Firmly and determinedly saying 'no' to business opportunities that are not in keeping with this commitment.
3. Adopting ethical, upright and transparent principles when dealing with representatives from the public and private sectors.
4. Never using cultural or common market conditions to justify improper actions.
5. Guaranteeing that Braskem Idesa operates transparently by regularly providing accurate, wide-ranging and accessible information.
6. Understanding that unethical conduct, be it as a result of actions, omissions or complacency, damages society, contravenes the law, and damages the image of Braskem Idesa.
7. Guaranteeing that Braskem Idesa and its entire value chain implements the Compliance System, which is always up to date with best practices.
8. Contributing individually and collectively to undertaking any necessary changes to the markets and to our environment to eliminate any actions that incite improper conduct.
9. Incorporating into Employee Action Programs the assessment of their contribution to the Compliance System.
10. Understanding that this commitment will help drive Survival, Growth and Continuity.

[103-2, 103-3, 205-2]

Code of Conduct

Establishing a Code of Conduct allows us to encompass our principles and values in order to guide the ethical conduct of the company. Its purpose is to align our Team Members and the rest of the value chain with our ethical guidelines and principles.

It is of the utmost importance for the company that each Member of our team fully understands the guidelines we have in place, which is why, upon joining the Braskem Idesa team, all our Team Members receive training in this area during their induction process to ensure that they can act in accordance with our Code of Conduct, in addition to committing to follow it by signing it. An annual reinforcement capacitation in our Code of Conduct is given to all our Team Members.



100% of our Team Members received Code of Conduct and Anti-Corruption training, reaffirming our commitment every year.

Our Code of Conduct has a section focusing on Harassment and Discrimination, which is aligned with the United Nation's Human Rights Principles, and it contains strict guidelines regarding how Team Members of Braskem Idesa must interact among themselves and with third parties.

The success and consolidation of our ethics strategy would not be possible without the commitment made by our Team Members to act within a framework of ethics, integrity and transparency.

You can review Braskem Idesa's Code of Conduct by clicking on the following link: <https://www.compliancebraskemidesa.com.mx/principios-y-valores.php#codigo-de-conducta>

Code of Conduct for Third Parties

We are aware that Braskem Idesa's commercial relationships are a fundamental part of our business, which is why we offer the very best experiences to all our clients, suppliers, distributors, agents, intermediaries, supply chain partners, consultants and the other third parties with whom we coordinate services and activities. Above all, we ensure that we interact with those parties who share our ethical principles and who act ethically when offering services to and on behalf of Braskem Idesa.

Within our ethics strategy, risk prevention is a fundamental pillar, which is why we offer our service providers, commercial partners and distributors training in the Code of Conduct for Third Parties, which is provided when they sign their contract.

THE CODE OF

Conduct for Third Parties

outlines the commitment of both parties to act ethically while providing services and within our commercial relationships.

You can review Braskem Idesa's Code of Conduct for Third Parties by clicking on the following link: <https://www.compliancebraskemidesa.com.mx/principios-y-valores.php#codigo-de-conducta-de-terceros>

[102-17, 103-2, 103-3, 205-2]

Reporting Mechanisms

At Braskem Idesa, our ethical management practices are guaranteed through a range of mechanisms that Team Members and people outside the company can use to communicate any concerns, complaints, suggestions or reports they may have. In the event of actions that contravene our ethical principles, we have created channels through which these can be reported and monitored.

Braskem Idesa's Communication Channels for Receiving Reports



IN 2021

Braskem Idesa did not receive any complaints relating to discrimination or any other ethical issue.

[103-2, 103-3, 205-2, 205-1]

Ethics Training

Ethical issues are extremely relevant for us, not only in terms of legal compliance, but also given the fact that they play an intrinsic role in our organizational culture. This is why we keep our Team Members up to date with policies and procedures, in addition to offering them face training in Anti-Corruption.

We are convinced that these issues should not only be dealt with internally but also externally, which is why we include our Value Chain in our Ethics, Human Rights and Anti-Corruption training programs, helping consolidate our relationships with them and highlighting the key role they play in the company's operations.

We offer Code of Conduct capacitation, Anti-Corruption programs, and information about any changes to our policies and procedures.

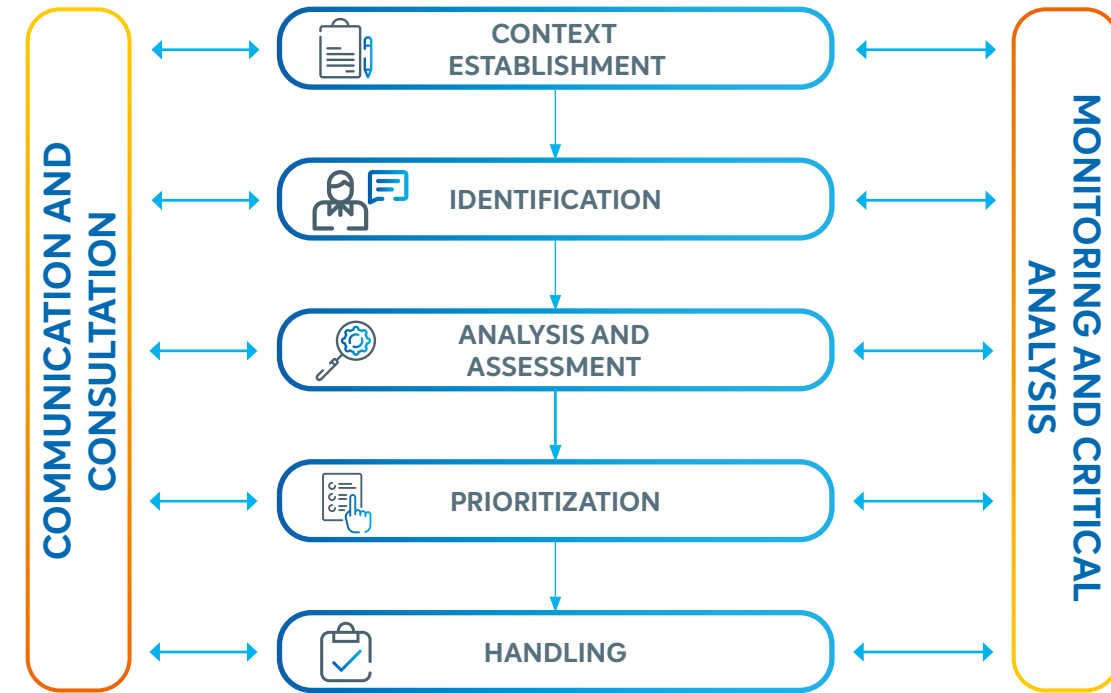
Risk Assessment Methodology

At Braskem Idesa, we have a methodology in place to assess risks, including those relating to the prevention of corruption in our dealings with clients, suppliers, public officials, society and our areas of influence within the community. This methodology is based on a model that is divided into two stages and five steps to help anticipate and prevent risks at a corporate and operational level.



[103-2, 103-3, 205-1]

Below, is a description of the stages and steps of our risk prevention methodology:



WE ARE WORKING ON BECOMING

ISO 370001-certified in Anti-Bribery Management Systems during 2022.

[103-2, 103-3, 205-1]

Below, is a description of the stages and steps of our risk prevention methodology:



[102-13, 103-2, 103-3]

Presence in Industry Associations in Mexico

We are focused on driving development, growth and innovation within the plastic industry by collaborating with a number of private-sector associations to promote sustainable development and competition within the chemical and petrochemical industry, in addition to fomenting best practices in the areas of transparency and fair competition. In order to achieve these goals, we are active partners in the following chambers and associations:

- Mexican Association of the Chemical Industry (ANIQ).
- Mexican Association of the Plastics Industry (ANIPAC).
- Mexican Association of Intermodal Transport (AMTI).
- Mexican Association of the Plastic Bag Industry (INBOPLAST).
- Latin American Petrochemical and Chemical Association (APLA).
- Industrial Association of the State of Veracruz (AIEVAC).
- Mexico-Brazil Chamber of Commerce (CAMEBRA).
- National Chamber of the Manufacturing Industry – Veracruz Chapter (CANACINTRA VERACRUZ).
- ANIQ Plastic Industry Commission on Responsibility and Sustainable Development (CIPRES).
- Business Coordinating Council (CCE).
- CCE's Center for Studies of the Private Sector for Sustainable Development (CESPEDES).
- Coatzacoalcos Local Mutual Help Committee (CLAM)
- Mexico-Brazil Business Council (CEBRAMEX).
- Mexico-Brazil Chamber of Commerce (BRAMEX)
- Mexican Institute of Chemical Engineers (IMIQ)
- Engineering Piping Industries (ITIAC).
- Normalization and Certification (NYCE).

FINANCIAL PERFORMANCE



[102-7, 201-2]

LETTER FROM THE CHIEF FINANCIAL OFFICER

2021 began as a challenging year for Braskem Idesa as a result of the effects of the COVID-19 pandemic, which led to an historic reduction in polyethylene prices, political uncertainty surrounding ethane supplies, and unilateral interruption of natural gas supplies that impeded operations at our complex.

48

In light of this outlook, the Braskem Idesa team worked together to roll out measures to mitigate the impacts of these challenges. We expanded and streamlined our ethane import solution (Fast-Track) meeting more than 40% of Braskem Idesa's requirements. We successfully reached a definitive agreement with PEMEX, allowing us to resume natural gas and ethane supplies in the long term. We signed a support agreement with the government to develop an Ethane Import Terminal, a project that will guarantee 100% of Braskem Idesa's ethane procurement requirements.

We increased our asset utilization ratio from 58% at the beginning of the year to 81%. We fulfilled sales for more than 250 clients from different countries thanks to the flexibility of our logistics operations. We tripled sales of Post-Consumer Recycled Resin (PCR),

offering the market innovative solutions that are aligned with our Circular Economy commitments. As part of these commitments, we issued a sustainable bond totaling USD \$1.2 billion, which, to date, makes it the largest private bond in Latin America. This enabled us to refinance the full amount of the original project financing. This sustainable bond is tied to our commitment to reducing Greenhouse Gases and complements our ESG strategy.

We remain committed to developing alternative sources of raw materials and greater operational efficiency by creating solutions and incentivizing investments in the Sustainable Economy. Meanwhile, we are reaffirming our commitment to the company's financial health, compliance, corporate governance, and our overall commitment to transparency with our stakeholders.



Danilo Dias Garcez
CFO - Braskem Idesa

49

[103-2, 103-3, 201-1]

Financial Results

In keeping with our sustainability strategy and macro goal 2, we believe it is of fundamental importance that we report our financial performance and results by publishing our financial statements, in strict compliance with regulations issued by the Mexican tax authorities, SOX requirements, and the guidelines published by the Organization for Economic Cooperation and Development (OECD).

WE PUBLISH

financial statements every quarter and ESG sustainability reports every year, all of which can be found in the Investor Relations section of the Braskem Idesa website.

Financial Management

We are aware of the importance of proper financial management, which is why we have a number of measures in place to assess our financial results and advances.

During 2021, we focused on the following elements:

- Monthly Results Reports for the Board of Directors
- Results Reports for Investors
- Financial Statement Audits
- Monitoring of Business Plan and Trends
- Annual Financial Risk Assessment
- Increase in Credit Rating by Fitch Ratings

Investment and Financial Results

2021 was a challenging year for businesses in Mexico; however, at Braskem Idesa, we can proudly say that we overcame this adversity thanks to the support and trust of our stakeholders in each of our operations. Overall, this meant that the organization's financial performance improved.

WE DEVELOPED

measures aimed at improving our results in order to create value for our Team Members, shareholders, clients, suppliers and the communities with which we interact.

	2020 (USD)	2021 (USD)
 Direct Economic Value Generated	773,306	1,205,497
 Economic Value Distributed	707,971	829,088
 Economic Value Retained	65,335	376,409

i. Direct Economic Value Generated: revenue.
 ii. Economic Value Distributed: operating costs, employee benefits and salaries, payments to capital providers, payments to governments (by country), and community investments.
 iii. Economic Value Retained: Direct Economic Value Generated minus Economic Value Distributed.

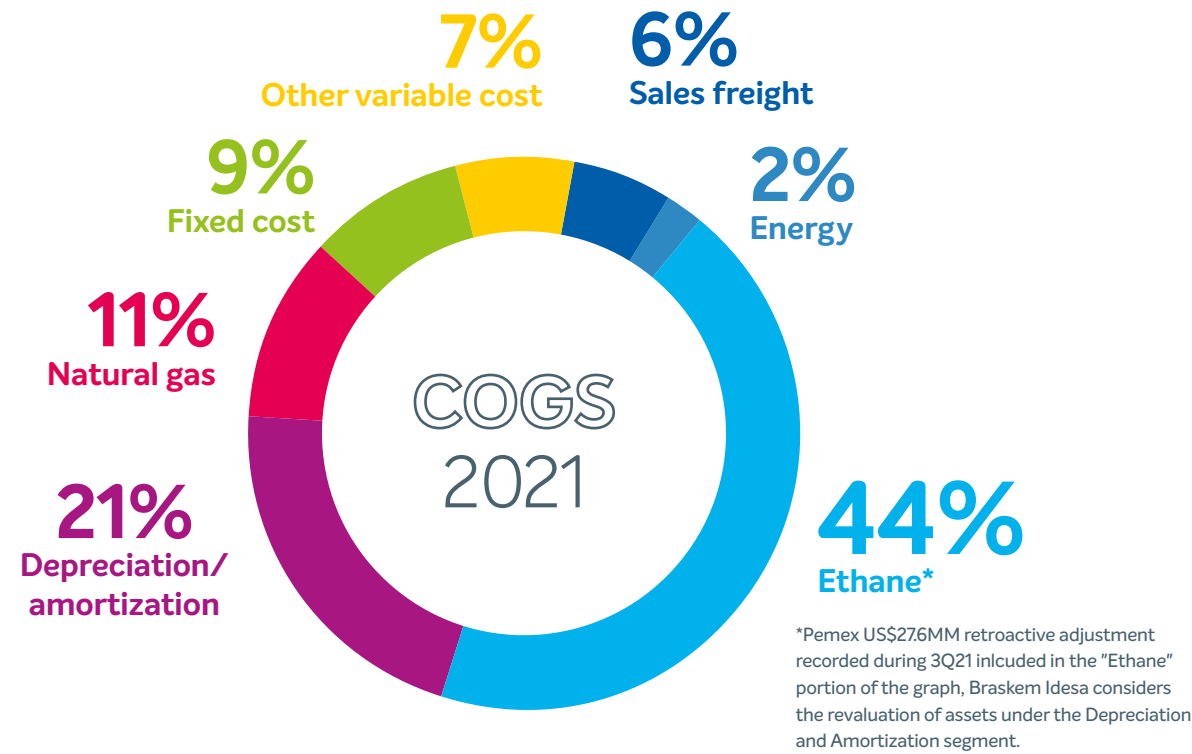
In light of the challenges that continued into 2021 as a result of the COVID-19 pandemic, we successfully ensured the continuity of our operations in order to offer our clients the solutions they need, in addition to bolstering the Mexican economy.

Operating results for 2021 were driven by record polyethylene prices stemming from disruption to the global supply chain and the logistical issues experienced throughout the year, in addition to greater-than-expected demand and economic recovery from the initial effects of COVID-19 in 2020.

GENERAL FINANCIAL OVERVIEW (USD \$ Millions)	2020	2021
Net Revenue	773	1,205
COGS (Cost of Goods Sold)	(597)	(632)
Gross Profit	176	574
Gross Margin	3%	48%
SG&A	(85)	(87)
Other Operating Income (Expenses)	(68)	(2)
EBITDA	295	621
Operating EBITDA Margin*	30%	52%

*This does not take into consideration deliver-or-pay provisions for raw material contracts.

- In 2021, our net revenue totaled USD \$1.205 billion. [102-7]
- EBITDA increased to USD \$621 million, 111% more than in 2020, thanks to increased global polyethylene prices.
- Revenue increased by 56% compared to 2020, thanks to unprecedented market conditions and record prices.
- COGS increased as a result of the rise in international benchmark prices for ethane and natural gas, the increased consumption of imported ethane, and the use of ethane as a fuel source at the beginning of the year.



To view Braskem Idesa's financial information for 2021, please click on the following link: <http://inversionistasbraskemidesa.com.mx/informacion.html#menu2>

Capital Market Bond Issue

In 2021, we successfully refinanced our Project Finance debt by issuing a Sustainability Linked Bond (SLB) on the capital market for a total of USD \$1.2 billion, recognized by Global Capital as the Latin America Operation of the Year, and a term loan of USD \$150 million.

This bond will be paid in a period of 10 years at an annual fixed rate of 6.99%, and it is linked to our commitment to sustainability. The total order book stands at 3.9 times the amount requested by Braskem Idesa, and more than 240 investors have voiced their interest.

Acknowledging the role that sustainable finances play in driving the transition to a low-carbon economy and the more efficient use of resources, we decided to issue the Sustainability Linked Bond (SLB) to link our financing strategy and sustainability strategy.

Braskem Idesa's SLB is aligned with the 5 core components of the Sustainability Linked Bond Principles (SLBP):

- Selection of Key Performance Indicators (KPI's).
- Calibration of Sustainability Performance Targets (SPT's).
- Bond Characteristics.
- Reporting.
- Verification.

These principles are coordinated by the International Capital Market Association (ICMA) through voluntary process guidelines that describe the best practices for financial instruments to incorporate ESG results and promote the integrated development of sustainability-linked bonds on the market in order to the focus of issuing an SLB.

Sustainability Linked Bond Commitment

Sustainability Performance Target: 15% in absolute GHG Scope 1 and 2 emissions (ktCO₂e) by the end of 2028 compared to the 2017 base line.

SDG Alignment: This KPI is directly related to UN Goal 13 – Climate Action.



[102-10]



Ethane Terminal Project – Terminal Química Puerto México

Stemming from an agreement with PEMEX reached in 2021, Braskem Idesa began building a permanent terminal to receive ethane imports at the Integrated Port Administration (API) in Coatzacoalcos, Veracruz, with an investment of approximately USD \$400 million. This terminal will play a major role in the operations of our petrochemical complex and for the region of Coatzacoalcos given that it will drive the independence of the complex's operations and provide full availability of raw materials, leading to a rise in our production capacity of between 14% and 20%, an increase from 66,000 to 80,000 barrels per day (BPD) of ethane.

Terminal Química Puerto México (TQPM) will drive positive economic results within the region, as a result of:

1. New investments in the area and the subsequent economic spillover.
2. Increase in revenue at the Integrated Port Administration (API) in Coatzacoalcos as a result of increased freight flow.
3. Creation of new logistics chains.
4. Competition within the region.
5. Positive influence stemming from the creation of new jobs.
6. Consolidation of the competitiveness of the domestic petrochemical industry.
7. Improvements to regional logistics infrastructure.
8. Increased polyethylene production in Mexico and the substitution of imports, leading to a positive impact on trade balance.
9. Comprehensive solution to cover deficits in the amount of ethane required to fully meet domestic demand and increase the production of ethane/ethylene derivatives.

Furthermore, Terminal Química Puerto México (TQPM) has undertaken a Social Impact Assessment (SIA), which identified the social and economic benefits of the construction of the terminal, which will begin operating in 2024:

- Local economic spillover and investment.
- Job creation during both the construction and subsequent operations.
- Promotion of the Interoceanic Corridor project.
- Training workshops for the general public in areas including: business, construction, customer service, security, and civil protection in conjunction with local and state authorities, in addition to the implementation of training sessions for micro start-ups.

Furthermore, the ethane terminal project has an Environmental Impact Assessment (MIA) and an Environmental Risk Assessment (ERA) in order to guarantee that the potential environmental impacts identified can be prevented or reduced through the implementation of mitigation measures, pursuant to Article 30 of the Ecological Balance and Environmental Conservation Act, which creates environmental programs, including: flora and fauna rescue programs, integrated waste management programs, and environmental education and awareness programs.

TERMINAL QUÍMICA

Puerto Mexico will begin ethane import operations in 2024.



ENVIRONMENTAL PERFORMANCE

We are strongly committed to the environment, and we drive the development of sustainable solutions that help safeguard natural resources, promote biodiversity, and combat climate change.



[102-11]

Environmental Risk Matrix

Our environmental actions are underpinned, governed and assessed through guidelines that enable us to prevent risks and ensure the quality of the programs and measures that we are currently developing:

1. Global Sustainable Development Policy.
2. EHS, Quality and Social Responsibility Policy.
3. Environmental Risk Matrix
4. Efficient Cogeneration Certification.
5. Comprehensive Responsibility Certification (SARI).
6. Emissions Trading System Program

In order to efficiently management prevention measures, we have an Environmental Risk Matrix that we use as a tool to identify potential risks in the area of climate change.



[102-11, 103-2, 103-3, 303-1, 303-2, 303-3, 303-4, 303-5]

Water Efficiency

At Braskem Idesa, we recognize the importance of promoting water conservation measures to protect this resource for future generations, which is why we have developed protocols and projects that focus on improving water management in our operations

Our production process requires water, which is used in steam generation, refrigeration systems, manufacturing processes and effluence disposal. Every single day, we strive to improve our water efficiency strategy, the goal of which is to diversify the sources from which we get our water and reuse within the services at our complex. Some of the measures contemplated within this strategy include:

- Prior to building the complex, we undertook a number of studies to determine the water basins within the area, guaranteeing natural run-offs and identifying 6 rainwater discharges around the complex and 1 treated water discharge that empties into the Gopalapa River.
- We undertake the biannual monitoring of groundwater and surface water within the communities surrounding our operations.
- We guarantee our water discharges comply with the 2018 Coatzacoalcos River Declaration, implementing a wastewater discharge system that ensures the river's capacity is not exceeded, in addition to permitting natural degradation and the recovery of this body of water.
- We extract surface water from the Uxpanapa River, which is transported from the dam to our petrochemical plant through our pumping plant. We clarify the water for its subsequent distribution and use, mainly to replace cooling water or to generate steam.

- We monitor the effluent discharges and ensure we comply with the control parameters set for each quarter.
- In addition to the environmental monitoring of our operations and as part of our commitment to environmental conservation within our area of social influence, our Participative Environmental Monitoring (MAP) community program, we sample water from 6 underground wells located in the communities of Lázaro Cárdenas, Nahualapa and Pollo de Oro (found on the Nanchital, Tepeyac and Gopalapa Rivers), which are located around the complex.

WE STREAMLINE WATER USE

through water treatment projects, which have helped reduce the amount of water we use by 4% during 2021.

[102-11, 103-2, 103-3, 303-1, 303-2, 303-3, 303-4, 303-5]

	Total Water Use	Wastewater	Recycled Water	Percentage of Water Recycled
2020	8,667,077 m ³	1,425,950 m ³	1,578,544 m ³	18.21%
2021	8,374,405 m³	1,098,580 m³	914,281 m³	10.89%

During 2021, we discharged 1,098,580 m³ of water into the *Gopalapa* River, all of which was processed at our wastewater treatment plant (WWTP) to guarantee the discharged water undergoes a high-level disinfection process and ensure the lowest possible number of

WE HAVE COMPULSORY QUALITY

control indicators in place for our water coloring, clarification and filtration processes to prevent any possible impact on the environment.

— We have also developed rigorous analysis and measurement processes through external laboratories that have been approved by numerous environmental agencies, including the Mexican Accreditation Agency (EMA), the National Water Commission (CONAGUA) and the Environmental Protection Agency (PROFEPA).



[102-11, 103-2, 103-3, 302-1, 302-3, 302-4]

Energy

Our commitment to the environment can be clearly seen in the ongoing improvements to and reduction in the energy used in our production processes. Our petrochemical complex has a natural gas cogeneration plant that supplies energy to all production areas, and we also have 13 electrical substations and 5.5 km of electrical lines with a capacity of 150 MW that are connected to the Federal Electricity Commission's (CFE) grid.

Below are the energy results we achieved in 2021:

Energy Efficiency

	Electricity Used	Electricity Sold	Intensity Ratio*
2020	659,178 MWh	147,050 MWh	14 GJ
2021	624,607 MWh	50,909 MWh**	14 GJ

* The energy intensity ratio is calculated per ton of production, taking into account a total of 250 tons of polyethylene and ethylene per hour.

** The reduction in energy sold is the result of its final sales price.

During 2022, we will continue developing programs to reduce the energy used at our industrial plants and ensure optimal ethylene and polyethylene production.

Fuel Use

	Diesel	Gasoline	LP Gas	Natural Gas
2020	313,294 L	187,888 L	199,192 L	15,690,361 GJ
2021*	220,724 L	187,887 L	108,236 L	13,879,734 GJ

[102-11, 302-1, 302-3, 302-4]

Below are the justifications for the increases and decreases in fuel use compared to the previous year:

- Diesel: Decreased use of internal employee transport (van transportation was substituted by a bus covering internal routes required by Team Members).
- LP Gas: Decreased movement of finished products using forklifts to transport; streamlined movement of final products to storage.
- Natural Gas: Decreased production and closure of complex.
- Gasoline: Decreased use of company vehicles.

The total energy used at Braskem Idesa is calculated based on measuring the electricity produced within each area as well as based on fuel and electricity utility bills.



WE ACHIEVED A GENERAL

reduction in our fuel use by streamlining our warehouse movements, complex operations and employee transport.



AT BRASKEM IDESA

we develop projects to help us use and implement renewable energy at our petrochemical complex.

[102-11, 103-2, 103-3, 305-1,305-2]

Climate Change and Emissions Management

In keeping with our sustainability strategy and our Global Sustainable Development Policy, we created Macro Goal 4 - Climate Change, through which we govern our operations in order to remain at the cutting edge of the industry and become a benchmark in measures to counter climate change and its effects.

We comply with all regulations issued by the Department of the Environment and Natural Resources (SEMARNAT) and the Department of Energy (SENER), in addition to the Material and Energy Balance Methodology, monitoring all emissions stemming from our operations.

Emissions

	2019	2020	2021
Total Emissions	1,835,509 tCO ₂ e	1,841,278 tCO ₂ e	1,661,668.64 tCO₂e
Scope 1 (Fixed and mobile fuel combustion) Gases: CO ₂ , CH ₄ , N ₂ O, HFC	1,776,776 tCO ₂ e	1,821,395 tCO ₂ e	1,487,978.37 tCO₂e
Scope 2 (Company's use of electrical energy) Gases: CO ₂ , CH ₄ , N ₂ O, HFC.	58,732 tCO ₂ e	19,883 tCO ₂ e	173,690.27 tCO₂e

We comprehensively comply with all regulations issued by environmental authorities by measuring our air emissions by gas type - NO_x, SO_x, COV, CO₂, CH₄, N₂O, HFC, PM and other categories (Cr).

[102-11, 103-2, 103-3, 305-4, 305-6, 305-7, 306-4]

Emissions by Gas Type

Emissions by Gas Type	2019 (Ton)	2020 (Ton)	2021 (Ton)
NOx	1,195	752.21*	693.25
SOx	36.8	17*	3.8
Volatile Organic Compounds (VOC)	21.5	67.24**	391
Particulate Matter (PM)	10.8	18.1**	25.3
Other Categories (Cr)	0.000204	0.0002	0.0001

* Changes are a result of equipment maintenance, representing a decrease compared to 2019.
 ** Significant changes are a result of the use of ethane gas as a fuel during the month of December.

Part of our environmental strategy during 2022 will focus on involving the value chain in the creation of measures that help mitigate climate change. Through our Carbon Disclosure Project (CDP), we work alongside our business partners to create incentives for them to commit to protecting the environment.

Some of our major areas of action include:

- Identifying opportunities to decrease costs, emissions, and energy use through periodic assessments.
- Driving awareness campaigns to provide incentives for business partners to implement measures to mitigate their environmental footprint.

Waste Management

We are convinced that the transition to a Circular Economy model will bring with it major environmental and economic benefits for both our company and the industry in which we operate. Therefore we have reaffirmed our commitment to decreasing the amount of waste generated by our operations.

Waste Generation

	Hazardous Waste (Ton)	Non-Hazardous Waste* (Ton)	Total Waste (Ton)
2020	2,476	2,152	4,628
2021	1,063	1,926	2,989

* These figures include inert and non-inert non-hazardous waste.

[102-11, 103-2, 103-3, 306-4]

As part of our environmental strategy, we have a waste management system to streamline management processes and use eco-efficiency indicators to measure both the amount of waste generated and the waste elimination method employed.

Hazardous Waste

Waste Elimination Method	Reuse (Ton)	Recycling (Ton)	Landfill (Ton)	Others (Ton)	Total (Ton)
2020	59.7	0*	1.76	2,415	2,476
2021	241.4	27.8	4.2	789.7	1,063.1

* There was no reuse derived from the fact that they went to "Another type of management"

Non-Hazardous Waste

Waste Elimination Method	Recycling (Ton)	Energy Recovery (Ton)	Composting (Ton)	Landfill (Ton)	Total (Ton)
2020	7.93	0	9.4	2,135	2,152
2021	0	0*	9.5	1,916	1,926

*No energy recovery waste was generated; it was disposed of via landfill.

Carbon Neutral

Reaching our sustainable goals is a complex undertaking, which is why Braskem Idesa implements measures through which – thanks to the talent of our Team Members, the support of our clients, and the involvement of the communities in which we operate – offer outstanding benefits to everyone and allow us to achieve our goals:

- Reduce Greenhouse Gas (GHG) emissions by **15%** by **2028**, in line with our **Sustainability Linked Bond** commitments.
- Achieving **CARBON NEUTRALITY** by **2050**

[102-11, 103-2,103-3, 304-3, 304-4]

Biodiversity

Mexico’s flora and fauna is a part of the country’s cultural heritage for future generations; driving the conservation of ecosystems is of fundamental importance in achieving balance within the environment and tackling climate change. This is why biodiversity conservation has played a major role in our operations from the very outset.

We promote and foment research, education, and volunteering efforts in matter of biodiversity conservation, which is why, in 2016, we created an Environmental Management Unit (EMU) authorized by the Department of the Environment and Natural Resources (SEMARNAT) called El Benjamín, which covers an area comprising 100 hectares located 2.8 kilometers from our Petrochemical Complex in the community of Ixhuatlán del Sureste in the state of Veracruz. This environmental conservation area is coordinated through its Management Plan, which was validated by government authorities focusing on environmental issues.

In this space, research and conservation studies of flora and fauna species were undertaken in the southern region of the Coatzacoalcos River Basin, in addition to environmental sampling at different times of the year (rainy season, dry season, hurricane season) in order to update the database of flora and fauna species recorded within the Environmental Management Unit (EMU).

As part of the EMU’s conservation programs, it focuses on protecting *Ceratozamia Miqueliana*, an endemic plant that is found on the Red List of Threatened Species and is protected by NOM-059-SEMARNAT-2010 (Environmental Protection-Wild Flora and Fauna Species Native to Mexico), given the biological and ecological importance of this species. As part of Braskem Idesa’s commitment to the planet, we



have focused on the protection and conservation of its habitat, achieving the following results through our programs:

- More than 1,200 *Ceratozamia miqueliana* plants were rescued and relocated within the Environmental Management Unit (APDC), and a demography study into *Ceratozamia miqueliana* was conducted with expert researchers.
- During 2021, a number of scientific articles covering flora and fauna were recorded.
- In 2021, a total of 474 species of flora and fauna were recorded within the Environmental Management Unit.
- 167 species of flora recorded.

[102-11, 103-2,103-3, 304-3, 304-4]

- 307 species of fauna recorded – 73 species of invertebrate and 234 species of vertebrate:
 - » Birds: 124 species
 - » Mammals: 47 species
 - » Reptiles: 41 species
 - » Amphibians: 22 species
 - » Ants: 49 species
 - » Beetles: 15 species
 - » Butterflies: 9 species

In 2021, 45 species of flora and fauna were identified as being found in a category protected by NOM-059-SEMARNAT-2010 (Environmental Protection-Wild Flora and Fauna Species Native to Mexico-Risk Categories and Specifications for Inclusion, Exclusion or Changes-List of At-Risk Species), of which:

- 14 species are covered by CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora)
- 22 species are found on the Red List, including:
 - » 9 species categorized as being Near Threatened (NT)
 - » 9 species categorized as being Vulnerable (VU)
 - » 3 species categorized as being Endangered (EN)
 - » 1 species categorized as being Critically Endangered (CR)

WE ARE COMMITTED

to the conservation of biodiversity in the southern region of the state of Veracruz.





[103-2, 103-3, 306-1, 306-2]

CIRCULAR ECONOMY

Environmental protection and conservation are the responsibility of every sector, both public and private, which is why, at Braskem Idesa and in keeping with our comprehensive Sustainability strategy, we decided a number of years ago to migrate to a Circular Economy model in order to better use our resources and extend the lifecycle of our products and packaging as much as possible.

Transitioning to a circular model represents numerous challenges in different areas of the plastics industry: technology and innovation, best practices and designs, infrastructure, and more collaboration strategies with our value chain, clients and society in order to safeguard natural resources.

For 3 years now, Braskem Idesa has been a signatory of voluntary Circular Economy commitments:

- 100% of the company's industrial units implement best practices to manage pellet creation through Operation Zero Pellets to 2021.
- 100% of plastic packaging reused, recycled, or recovered by 2040.

We believe that it is important to achieve sustainability within society, not only based on isolated actions but also through teamwork involving our clients, suppliers, Team Members and communities surrounding our complex. These activities include product recycling, plastic waste collection activities, and educational programs to help people become more responsible for the environment.

OUR ONGOING EFFORTS

focus on developing **best practices** that are aligned with the **Circular Economy model** to help safeguard natural resources.

As part of the voluntary commitments that we have made regarding the Circular Economy, we have defined 8 fundamental pillars to help us achieve this goal:

1. Working with clients and value chains to drive the recycling, efficiency, and reuse of plastics.
2. Continuing to invest in the development of new renewable products.
3. Developing technologies and business models to improve plastic recovery.
4. Promoting educational programs focusing on responsible consumption.
5. Using and supporting the use of Life Cycle Analysis tools.
6. Supporting the measurement and communication of recycling indices.
7. Supporting public and private sector alliances to better tackle the problem of marine debris.
8. Supporting public policies to improve solid waste management.

[103-2, 103-3, 306-1, 306-2]

Adicionalmente, participamos en la Alliance to End Plastic Waste (AEPW), colaboramos con la Asociación Nacional de la Industria Química (ANIQ) y la Asociación Nacional de Industrias del Plástico (ANIPAC) y afiliados al Consejo Coordinador Empresarial (CCE).

THESE INDUSTRY PARTNERSHIPS

allow us to roll out **innovative and sustainable production models** to help drive the **Circular Economy**.

For further information about how we promote a Circular Economy, please click on the following link:
<http://www.braskemidesa.com.mx/posicionamientoeconomiacircular>

All the products we use, both in our production processes and operations, meet the highest quality standards and/or applicable laws. We also have quality controls in order to manage these processes correctly and responsibly.



In 2019, we joined the Zero Pellet Waste program coordinated by the Mexican Association of the Plastics Industry (ANIPAC).

Operation Clean Sweep® was created by the American Plastics Industry Association (PLASTICS) to roll out best practices to contain pellets, flakes, and dust, guarantee zero waste, protect the environment, and safeguard natural resources.



IN 2021, WE BECAME

Operation Clean Sweep Blue certified by ANIPAC and CIATEQ.

[103-2, 103-3, 306-1, 306-2]

To follow up on the efforts and projects rolled out during 2021, we focus on achieving our goal through 4 priority areas:

- **Prevention:** We raise awareness among our Team Members, and we instill in them a sense of responsibility and commitment to the program.
- **Containment:** We monitor and manage pellet containment.
- **Cleaning:** We ensure that the workplace is properly prepared in order to avoid pellet loss and facilitate the cleaning process.
- **Disposal:** We dispose of pellets properly to avoid polluting the environment.



WE TRAINED 100% OF our Team Members and invested **555 hours** in the Operation Clean Sweep® program.



DURING 2021, our Logistics Operators signed the Zero Pellet Waste commitment.

The goal of joining these partnerships is to help preserve marine ecosystems and reduce our environmental impact. We also strive to involve everyone within the value chain (including clients, transport providers, suppliers and logistics operators), helping them implement sustainable practices to streamline production processes, improve waste management, and protect the environment.

WE ARE THE FIRST Polyethylene Petrochemical company in Mexico to become Blue certified as a result of reaching the zero-pellet waste goal in 2021.

[103-2, 103-3, 301-1, 301-2, 302-3, 306-1, 306-2]

Innovative and Sustainable Solutions within the Circular Economy

In keeping with our commitment to migrate to a Circular Economy, we have continued to develop our line of Post-Consumer Resin (PCR) Polyethylene resins, which guarantee batch quality, standardization, and traceability in order to launch a High-Density Polyethylene (HDPE) resin on the market that is made from 30% PCR and 70% virgin resin, as well as 50% PCR and 50% virgin resin, and 70% PCR and 30% virgin resin.

The production process for PCR resin at Braskem Idesa is outlined below:

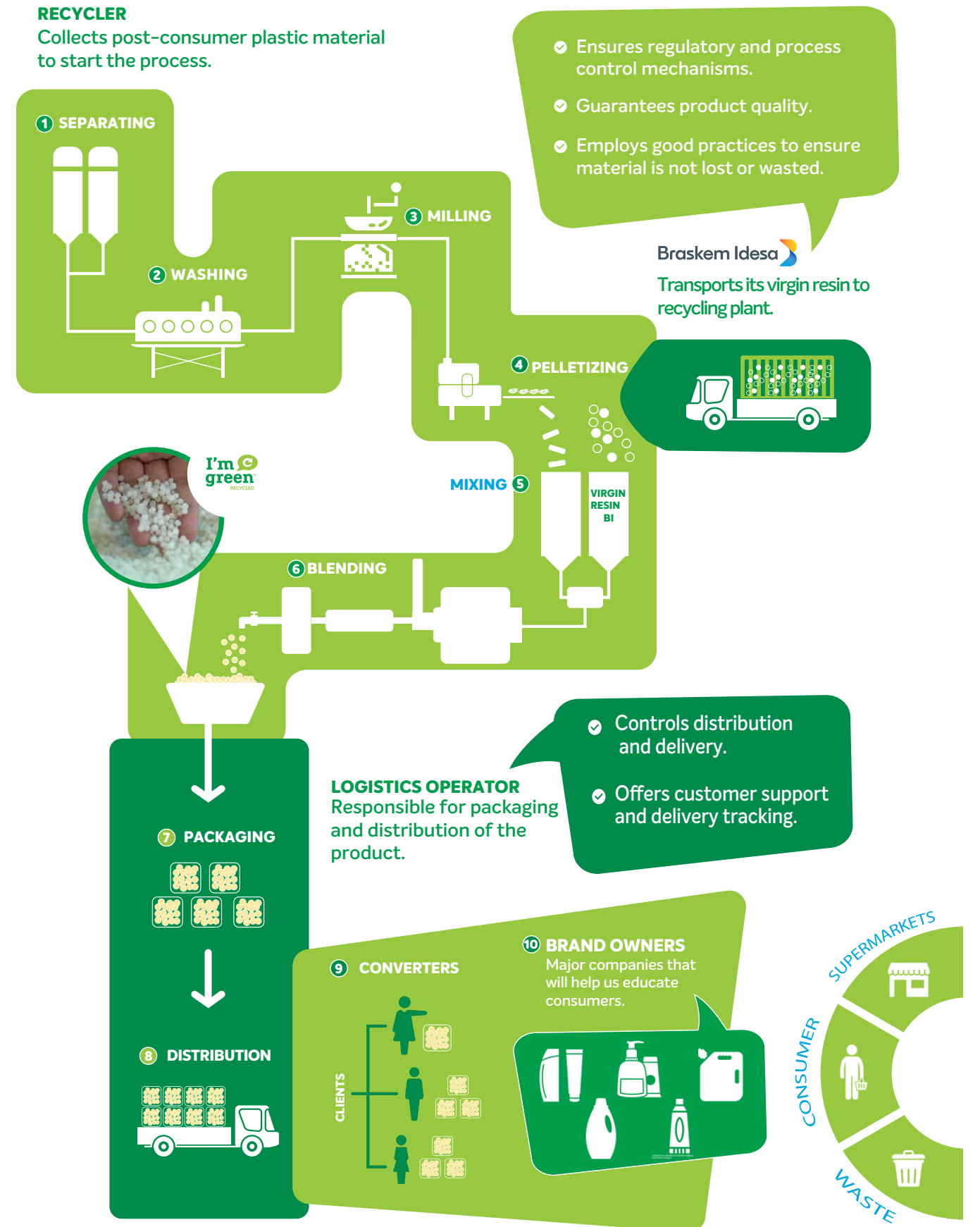
1. Production of virgin polyethylene resin at the Braskem Idesa petrochemical complex.
2. Collection by Alcamare, recycling centers and plastic waste collection partners.
3. Classification, cleaning, and extrusion of plastic waste by Alcamare. It is then mixed with virgin resin from Braskem Idesa to produce the pellets of the PCR resin compound and deliver them to clients and distributors.

THE CREATION OF OUR PCR RESIN

has enabled us to incorporate a **recycling process** into our operations, expand our **sustainable portfolio**, and **give plastic a new life** and maintain its properties.

[103-2, 103-3, 306-1, 306-2]

PCR Resin Production Process



[103-2, 103-3, 306-1, 306-2]

IN 2021,
resin sales **increased** through an expanded number of partnerships with brand owners and clients.

THE PCR OFFERED BY BRASKEM IDESA for the **manufacturing of packaging and containers** can now be found on the shelves of **self-service stores.**



[306-2]

Memorandum Of Understanding (MOU) with Alcamare



Post-Consumer Resins (PCR) made from Polyethylene (PE) and Polypropylene (PP) represent a viable option for fulfilling the commitments to use recycled materials made by global brand owners, and solutions for food products will play a crucial role.

They are also a solution for complying with legislation in the United States and Mexico and focusing on providing incentives for the use of recycled materials in packaging. This is why, in collaboration with Alcamare, we signed a long-term cooperation agreement to develop food-grade recycled material.

This collaboration agreement represents a significant advance in accessing a new select market for high-quality recycled materials that will complement the virgin products produced by Braskem Idesa. This sector will see a rapid growth rate, almost three times that of virgin resins.

Recycled products require major investments in technology in order to be able to properly separate, wash, extrude and decontaminate plastic waste to reach the level of purity required. We expect that the use of these resins will help create attractive solutions for producers and consumers.

“THIS COLLABORATION PLAYS AN IMPORTANT role in allowing us to continue offering the solutions that our clients and brand owners need, in addition to helping Alcamare and Braskem Idesa reaffirm their visions, purposes and technological development”.

Alfredo Prince – Braskem Idesa's Commercial Director.

Through a forward-looking approach, Braskem's global commitments to the Circular Economy business model are:

- **By 2025,** expand the I'm Green Recycled™ portfolio, which includes sales of 300,000 tons of products that contain recycled material per year.
- **By 2030,** continue expanding the I'm Green™ portfolio, which includes sales of 1,000,000 tons of products that contain recycled material per year.
- **By 2030,** work towards recovering 1,500,000 tons of plastic waste in order to avoid disposal via incineration, landfill or dumping.

[306-2]

Partnerships to Drive the Circular Economy

In August 2021, we consolidated our partnership with Genomma Lab and with Citrusa, a plastic processor in Mexico, to help make our value chain more responsible by using polyethylene resin that contains 30% recycled material from Braskem Idesa to make containers for Genomma Lab products, in addition to helping streamline the use of fossil resources and promote recycling.

Together, we have joined our strengths and capabilities together to create a vision of sustainability and contribute to the Circular Economy, sharing principles and developing solutions to tackle current environmental challenges, such as a lack of resources, adequate plastic waste management, and climate change.

As part of this partnership, Citrusa, one of Genomma Lab's suppliers, has incorporated PCR resin developed by Braskem Idesa into the polyethylene containers it supplies to Genomma Lab for brands including Vanart®, Alert®, Cicatricure®, Goicoechea®, Silka®, Teatrical®, among others.

“BRASKEM IDESA PROVIDES THE Mexican market with high-quality solutions for high-performance applications, using an increasingly higher percentage of post-consumer recycled content, both in terms of polyethylene and polypropylene.”

Alfredo Prince-Braskem Idesa's Commercial Director.

This partnership will enable Genomma Lab to remain a step ahead and reach the goals of its 2025 Global Sustainability strategy – specifically in the area of Our Products, meeting its commitment to integrating recycled resin into its current portfolio of products and future launches.

Educational Programs that Promote Responsible Consumption and Recycling

As part of our Social Responsibility efforts, at Braskem Idesa we have developed programs that promote education about how to identify plastics, drive responsible consumption and proper waste separation, and promote a culture of recycling and the Circular Economy within society.

These actions help take full advantage of the lifecycle of plastic and drive social changes regarding post-consumer waste management. Our overarching goal is to help avoid plastic waste being incorrectly disposed of and fulfil our commitments to the Circular Economy.

Promoting infrastructure to drive plastic collection and recycling alongside our clients, brand owners, Team Members and society is how we can help drive change through small actions.

TEAMWORK HAS ALLOWED US to achieve great things and drive more projects relating to the Circular Economy.

[306-2]

PLASTIANGUIS

At Braskem Idesa, we adopted this program created by the Mexican Association of the Chemical Industry (ANIQ) in 2017, which focuses on supporting education through responsible consumption, recycling, and plastic processing by creating infrastructure for collecting plastic waste, which can then be exchanged for basic food products or school supplies.

Despite the pandemic, we successfully coordinated this program while complying with the health measures rolled out by the authorities. The milestones we reached as part of the Plastianguis program in 2021 are outlined below:

- **15,000** people benefitted.
- **3 locations:** Faculty of Chemistry at UNAM in CDMX, Nanchital in Veracruz, and the Autonomous University of Guadalajara (UAG).
- Brand owners, clients, distributors, and participating NGO's.



IN 2021, we rolled out the first program in Guadalajara, while this annual program is already well established in Veracruz and CDMX.

+134 TONS of plastic waste collected and recycled during 2021





[306-2]

PLASTIVALE

This program is part of Braskem Idesa’s commitment to promoting environmental education, a culture of recycling and the Circular Economy, focusing mainly on whom we consider to be the leading agents of change: children and young people in primary and secondary education.

We have Plastien, which operates at primary, secondary and high schools in Nanchital and Coatzacoalcos, in the state of Veracruz.

In addition to the benefits relating to changes in the culture of environmental conservation, we support academic development by exchanging post-consumer plastic waste for school supplies and training. This year, we offered talks to teachers about the changes to the program, in addition to providing them with a COVID kit for personal and school use. We achieved the following results:

- **3** tons of plastic collected.
- **20** schools benefitted in Nanchital and Nuevo Mundo.
- **3,000** children benefitted.
- **30** COVID kits donated.
- **90** refurbished computers donated.

10 TONS collected and **51 schools** benefitted during 2021.

WE CONTRIBUTE to the **Circular Economy** by driving the education of **young people and children**, our leading agents of change.



[306-2]

PLASTIEN

A community collection cooperative that processes, disposes and traces plastic waste, it is also a Social Responsibility project promoted by Braskem Idesa and comprises 90% female and 10% male entrepreneurs.

The goal of this project is to drive social inclusion and socio-economic development of people who collect and classify recyclable materials, promote the development of the recycling value chain, and foment its economic growth and the Circular Economy.

THERE IS A PERMANENT COLLECTION CENTER

that has the capacity to handle **10 tons of waste on average per month** (PET, PP, PE, cardboard, pallets, junk).

WE CONTINUE TO CREATE A COOPERATIVE

that focuses on **collecting, processing** and adequately **disposing** of plastic waste.



Social Impact Project



In 2021, we collaborated with the Plastic Fishing Championship (Campeonato de Pesca de Plástico) organized by the Ministry for Sustainable Development (SEDESU)

and state and local authorities. The Organization for Environmental Co-responsibility (ONAM) coordinates the collection of the plastic waste by recycling partners:

- **30** fishermen participated.
- **2.7** tons of plastic collected in 4 hours.

BRASKEM IDESA IS CONVINCED

that together we can **drive change within the plastic industry**, rethinking our business models, **promoting responsible consumption**, and ensuring the **adequate management and recycling of plastic waste.**

Mariana Albarrán-Braskem Idesa’s Circular Economy & Sustainability Leader



PRODUCT LIFE CYCLE

[306-2]

Monitoring and mitigating environmental impacts play a fundamental role in both our Sustainability Strategy and our Circular Economy, which is why we use tools such as Life Cycle Analysis (LCA) to analyze our products. This analysis encompasses all our processes - from the value chain and the extraction of the raw materials to final disposal - in order to corroborate the benefits that our solutions have on sustainable development.

In 2021, we undertook the Environmental and Social Life Cycle Analysis of our High-Density Polyethylene (HDPE) with Post-Consumer Resin (PCR), which is of fundamental importance in measuring the potential impacts that the production of recycled plastic resin has on the environment, from the outset to the manufacturing of 1 kg of PCR resin.

LCA methodology uses comparisons regarding environmental performance and average consumption of 100% virgin polyethylene resin in Mexico, in addition to including its social impact through a Social Life Cycle Analysis based on ISO:14040 (NMX-SAA-14040-IMNC-2008), ISO 14044 (NMX-SAA-14044-IMNC-2008) PNEMU SETAC 2013 for Social LCA, and PNEMU Social LCA Guidelines for Products and Organizations.

The major results of the LCA are outlined below:

Social Aspects:

As part of the Social LCA, which assessed the performance of Braskem Idesa, Alcamare and its social waste collection centers, they achieved a high performance rating, in addition to documenting good practices in the categories of health, safety, community, the eradication of child labor, economic development, and community commitment.

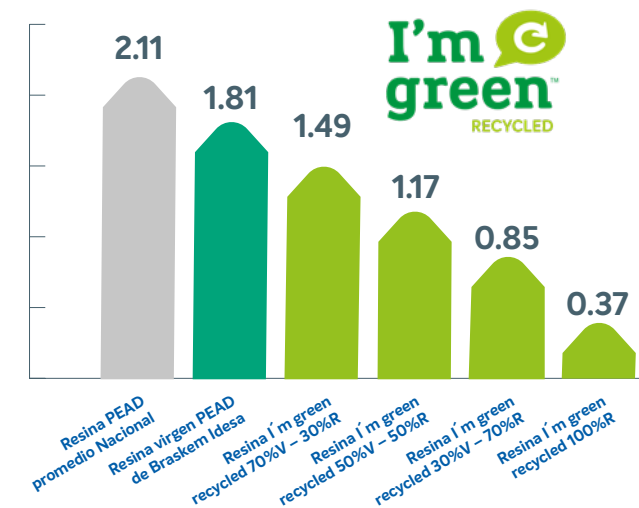
BRASKEM IDESAS'S SOCIAL LCA

is the **first of its kind in the industrial plastic recycling sector** in Mexico.

Environmental Aspects:

Climate Change Potential: (PCG)(kg CO₂eq / kg LDPE resin) assessed using the Circular Footprint Formula (CFF)

This graph represents the comparison of the carbon footprint of virgin HDPE resin vs. PCR with different percentages of post-consumer recycled material, expressed in Kg CO₂eq / Kg of resin.



SOCIAL PERFORMANCE

At Braskem Idesa, we are committed to people, including our Team Members and the community found within the company's area of social influence. As part of this commitment, we have implemented a strategy focusing on their wellness, human development, our Social Responsibility, and the safeguarding of their Human Rights.



[102-7, 102-8, 102-41]

Team Members at Braskem Idesa

Our Team Members are a fundamental piece of Braskem Idesa; their commitment, dedication and hard work mean that we can reach each and every one of our goals, which is why we prioritize their wellness and well-being.

In 2021, our operations remained unchanged, and we kept on 100% of our Team Members, achieving the following results:

Women at Braskem Idesa	2020	2021
Women at Corporate	88	86
Women at Complex	104	120
Total	192	206

Men at Braskem Idesa	2020	2021
Men at Corporate	109	109
Men at Complex	530	624
Total	639	733



Total Team Members	2020	2021
	831	939

44.29% OF OUR

Team Members are covered by a **collective bargaining agreement**. This increase is due to the reforms made to Workplace Outsourcing in Mexico during 2021.

[102-7, 102-8, 401-1]

In 2021, Mexico reformed labor laws, meaning that employees can no longer be employed through outsourcing. As such, since August 2021, all people directly related to the operations and maintenance of our complex were recruited as Team Members of Braskem Idesa.

We safeguard the labor rights of our 939 Team Members (195 people working at Corporate and 744 at our Complex), of whom 206 are women and 733 are men. They have a permanent and full-time contract and are distributed as follows: of the 939 Team Members, 938 have a permanent contract and 1 has a temporary contract, and all Team Members work full-time.

Below are our hiring rates for 2021:

Female Team Members	Total	Total Female Team Members Hired in 2021	Hiring Rate for Female Team Members in 2021
Below the age of 30	64	21	10.24
Between 30 and 50	138	7	3.41
Over the age of 50	3	-	-
Total	205	28	13.65

Male Team Members	Total	Total Male Team Members Hired in 2021	Hiring Rate for Male Team Members in 2021
Below the age of 30	119	42	5.73
Between 30 and 50	524	94	12.84
Over the age of 50	89	11	1.5
Total	732	147	20.07

AT BRASKEM IDESA,

43% of vacancies were covered by internal candidates, **80%** of which are leadership posts, while **35%** of junior positions were covered by interns.

[102-7, 102-8, 401-1]

The turnover rate in 2021 was 7.35%, and the results are outlined below:

Female Team Members	Total	Total Female Team Members Dismissed in 2021	Turnover Rate for Female Team Members in 2021
Below the age of 30	64	5	2.43
Between 30 and 50	138	11	5.36
Over the age of 50	3	-	-
Total:	205	16	7.79

Male Team Members	Total	Total Male Team Members Dismissed in 2021	Turnover Rate for Male Team Members in 2021
Below the age of 30	119	5	0.68
Between 30 and 50	524	41	5.6
Over the age of 50	89	7	0.95
Total:	732	53	7.23



Furthermore, and in order to drive the development of our Team Members, we offer long-term incentives, such as our savings plan, in which Braskem Idesa covers part of the contribution, while the remainder is covered by the Team Member. Our directors also have access to a stock purchase program.

In 2021, we kept our remote working model in place as a result of the COVID-19 pandemic, prioritizing the health of our Team Members. In 2022, we will be rolling out a new hybrid working model (remote and in-person working), which will allow us to offer new work models.

Furthermore, and in order to safeguard and support the families of our Team Members, we offer a range of different benefits, including childcare support and maternity programs that include 21 calendar days of paid leave and 7 calendar days of a reduced work schedule for our female Team Members. When they return to work, we also offer 5 working days of paid paternity leave, which is in addition to the leave stipulated in the Federal Labor Act (this also includes paternity leave as a result of adoption).

[103-2, 103-3, 406-1]

Diversity, Equity and Inclusion (DEI)

At Braskem Idesa, we are committed to the development and well-being of our Team Members, driving measures that ensure good relationships, impeccable behavior, and, above all, a healthy work environment, all governed by our Code of Conduct.

Furthermore, in terms of Diversity, Equity and Inclusion, we raise awareness among and offer training to our Team Members through podcasts, workshops and activations, such as Diversity, Equity and Inclusion Week or our Recruitment Fair for people with disabilities, in addition to our DEI approach to the induction processes for new Team Members and our recruitment and selection process.

AT BRASKEM IDESA, 11% OF DIRECTORS

28.13% of managers and 34.43% of coordinators are women.

In terms of pay, our performance assessment system uses quantitative and qualitative methods that categorize positions using four factors: Skills, Problem Solving, Responsibility, and Working Conditions.

Another element that we deem to be relevant in helping to promote diversity and inclusion are people with disabilities, which is why, during 2021, we included a front desk service to underpin our efforts to increase the number of people with disabilities within the workforce, in addition to promoting among our service providers the inclusion of people with disabilities in their workforces, while taking into consideration that the post does not pose any risk to their health and safety.



we hired 1 person with a disability through our front desk service.

[103-2, 103-3, 406-1]

At Braskem Idesa, we promote a culture of inclusion, which is why we value our Team Members for their skills and knowledge. During the year, we promoted issues such as Human Rights, Gender Equity, Unconscious Bias, LGBTIQ+ Inclusion, Generational Inclusion, Multiculturalism, and People with Disabilities.

AT BRASKEM IDESA,

we drive cultural diversity through **Team Members from 5 different countries** who work at the company.

IN 2021, WE INVESTED

more than **USD \$16,250** and **1,900 training hours** in areas such as Diversity, Inclusion and Gender Equity.

ALIGNED WITH MACRO GOAL 6 (SOCIAL RESPONSIBILITY AND HUMAN RIGHTS),

at Braskem Idesa we have developed a Human Rights training program.

Training

At Braskem Idesa, we promote the continuous development of people, allowing them to find their own path and lead their own transformation. This has enabled us to ensure that all our Team Members have an Individual Training Plan. During 2021, some of the training areas we focused on include:

- Mentoring and Coaching Programs
- Language Programs
- Master's Program
- Organizational Culture Refresher
- Business Coaching: Transformative Leadership
- Personal Branding
- Mindfulness and Happiness at Work
- Ethics Line
- Personal Data Protection and Privacy
- Brigade Training
- Basic Fire Extinguisher Course
- Quality Policy and Goals
- Design Thinking
- Black Belt

[103-2, 103-3, 406-1]

DURING 2021, WE COORDINATED

more than **60,000 training hours**, with an investment of **USD \$475,000**, for **1,138 Team Members and interns**.

Our Individual Training Plan (ITP) offers tools that, in keeping with Braskem Idesa's business vision, drive the personal and professional growth of our Team Members by taking into account their functions and soft skills in order to ensure the plan is tailored to their needs.

In addition to training programs, we also give individual performance reviews to each of our Team Members in order to ensure that they can all contribute to the business vision we want to achieve. These reviews are planned, monitored and recognized every year through our Plan of Action (PA).

BRASKEM IDESA IS A COMPETITIVE

and outstanding company in terms of pay and benefits to its Team Members, in addition to recognizing their performance in helping to fulfil the PA goals.

[102-11, 103-2, 103-3, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7]

Industrial Health and Safety

In keeping with our Sustainability Strategy and Macro Goal 1, we are committed to the health and safety of our Team Members, in addition to that of the communities within our area of social influence, in order to ensure their well-being and achieve the best possible results and become a benchmark for the chemical and petrochemical industry.

At Braskem Idesa, we have developed a management system called Intelius, which enables us to assess our performance based on domestic and international standards in Health, Safety and Environment (HSE), Industrial Excellence and Quality, and an internal culture of industrial safety and risk prevention.

The goal of the Intelius system is to align the company with global best operating practices in order to integrate and create a standard for both industrial and non-industrial processes through a common language that unifies global practices that make Braskem Idesa more competitive and that involve Team Members in order to ensure high performance and operational excellence.

Our Health, Safety, Environment and Social Responsibility Policy is the framework that governs our operations and the way in which we act, and it is based on the following fundamental principles:



[102-11, 103-2, 103-3, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7]



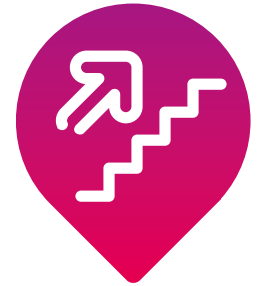
Meet

client expectations.



Ensure

cooperation and partnership with suppliers.



Promote

holistic development of our stakeholders.



Implement

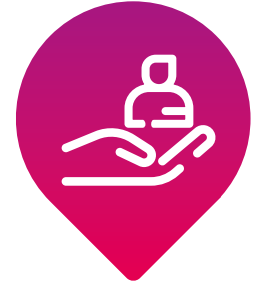
preventive actions covering:

- People's health and quality of life.
- The safety of people, processes, and facilities.
- Environmental aspects and the rational use of natural resources.
- Product and service quality.



Improve

our processes, products, and services, promoting innovation and complying with legal requirements.



Maintain

a constructive relationship with the communities in which we operate.

Furthermore, we also offer training to our Team Members and contractors working at our complex in the following areas: Work at Heights, Hot Work and Work with Energized Equipment, Hazardous Energy Isolation (PAEP), Hydro Jetting, Blasting, and the Correct Use of Personal Protection Equipment (PPE).

In order to detect areas of opportunity and develop quality programs to ensure the safety of our Team Members, we have implemented a Work Permit Audit system that complies with STPS standards and the principles of our Intelius platform.

[102-11, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7]

We also safeguard the health of our Team Members and contractors by offering them access to the following services:

1. Estudios de laboratorio.
2. Consulta General.
3. Tratamientos Deambulatorios.
4. Atención a primeros auxilios.
5. Canalización de pacientes a hospitales y clínicas de IMSS
6. Servicios de Medicina Preventiva.
7. Seguimiento y gestión de archivo clínico.

WE INCLUDE

our contractors in our Health and Safety training programs.

Industrial Safety Indicators:

SSMA	Real
Recordable Incident Rate	0.48
Frequency Rate – Lost-Time Injuries	0.24
Event Rate – TIER 1 Process Safety	0
Event Rate – TIER 2 Process Safety	0.24
Severity Rate TIER 1 Process Safety	0

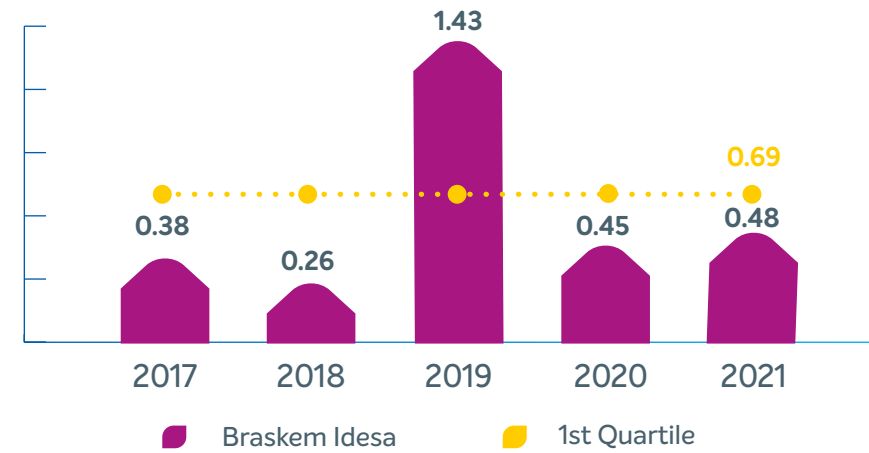
* Manual Materials Handling (MMHH): process of routinely moving and handling objects through carrying, holding, lifting, pushing, pulling and bending.



[102-11, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7]

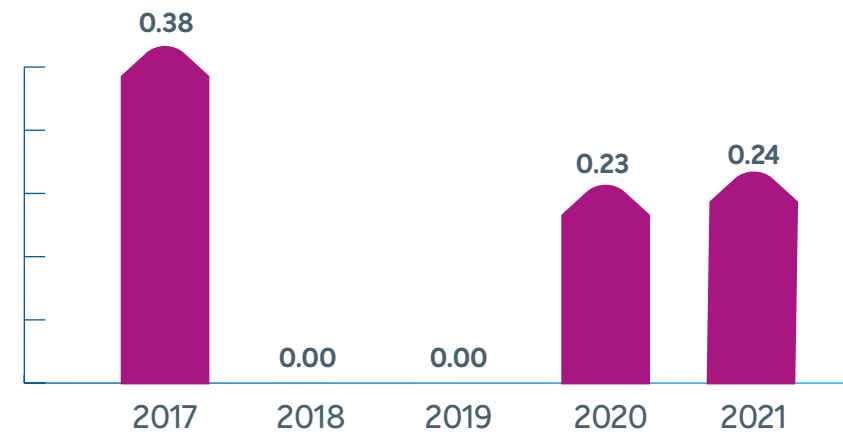
Frequency Rate People Safety (CAF+SAF)

Events/MMHH



Frequency Rate Process Safety (TIER 1+ TIER2)

Events/MMH



BRASKEM IDESA REMAINS

an industry benchmark and is ranked in the top quartile of safety indicators.

[103-2,103-3, 413-1]

Community

We have reaffirmed the commitment we have to sustainable development and community development within the area of social influence surrounding our complex, which is why we have a Private Social Investment (PSI) strategy* to drive actions that add value, focusing on three main areas:

Circular Economy: Driving projects that promote the Circular Economy as a business model to tackle challenges relating to sustainability and environmental education.

Local Entrepreneurship and Innovation:

Empowering people to develop businesses that have a positive social and environmental impact through a focus on female empowerment.

Education: Promoting and actively participating in measures focusing on education, especially Science, Technology, Engineering and Mathematics (STEM) and technical training.

[103-2,103-3, 413-1]



We also have measures such as our Global Sustainable Development Policy and the EHS, Quality and Social Responsibility Policy, and our Social Management System - not to mention our Donations and Sponsorship Guidelines, which allow us to establish steps to support our community engagement strategy.

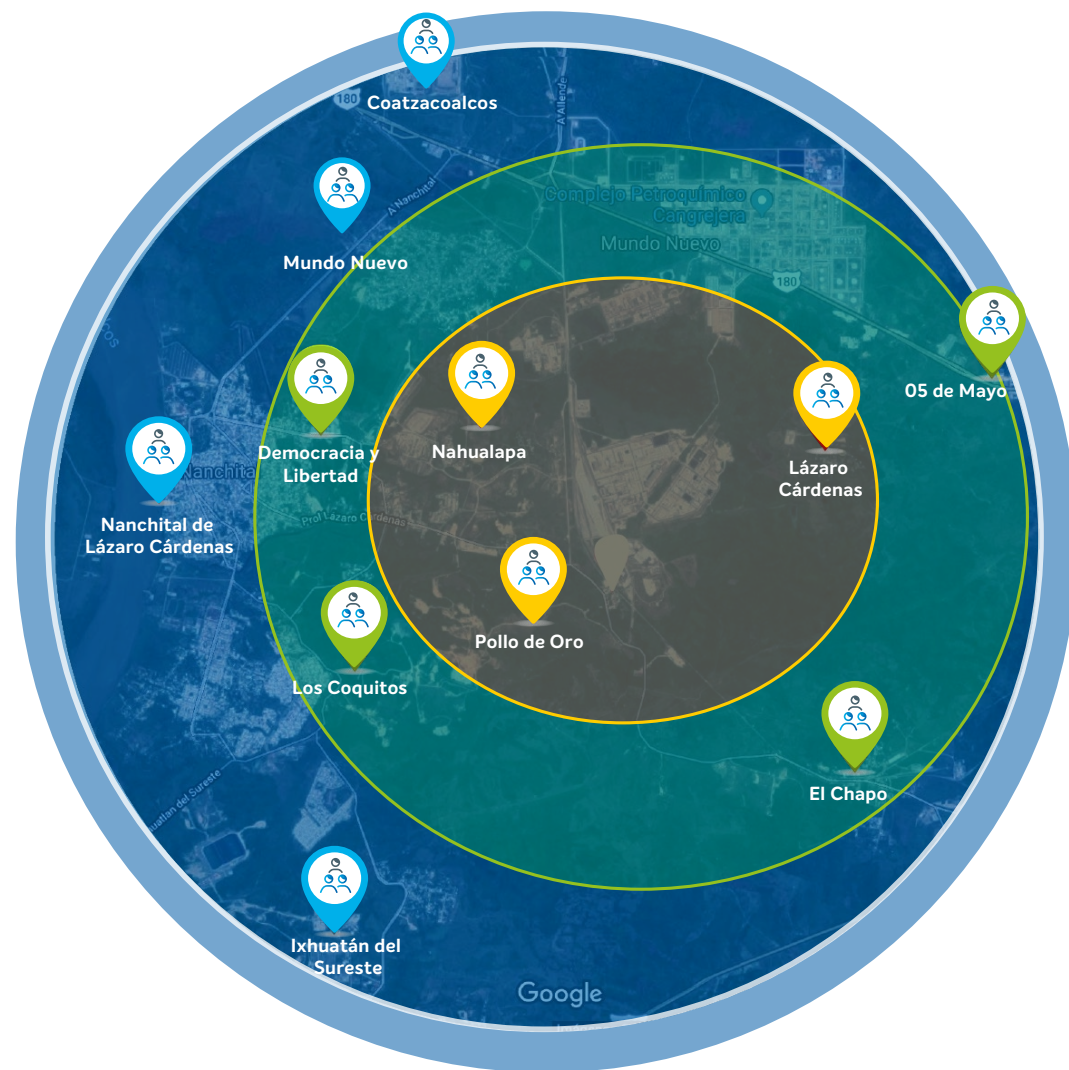
OUR AMBITION, IN KEEPING WITH MACRO GOAL 6 OF BRASKEM IDESA'S SUSTAINABILITY STRATEGY,

is to be acknowledged as a company that **promotes human rights, drives equity within our value chain, and contributes to the local development of communities** within our area of social influence.

*La Inversión Social Privada es el uso voluntario, planificado, supervisado y evaluado de recursos privados para la ejecución de iniciativas de interés público, guiadas por la estrategia de la empresa y por una actuación participativa de la comunidad, del poder público y de otras empresas.

[103-2, 103-3, 413-1]

Our Area of Social Influence



- **F1 Communities:** Pollo de Oro, Nahualapa, Lázaro Cárdenas
- **F2 Communities:** Democracia y Libertad, Los Coquitos, El Chapo, 05 de Mayo
- **F3 Communities:** Coatzacoalcos, Mundo Nuevo, Nanchital de Lázaro Cárdenas, Ixhuatán del Sureste

WE MAINTAIN OUR

our Social License to Operate as a result of our focus on **being a good neighbor** by driving social development, wellness, health, safety and environmental conservation.

[413-1]

Stakeholder Engagement Plan

We work closely with the communities within our area of social influence by promoting open and on-going communication that allows us to provide them with information regarding our operations, in addition to listening to their needs and identifying our areas of opportunity.

- Industrial Processes
- Employment Opportunities
- Biodiversity Conservation Activities
- Circular Economy, Benefits and the Plastic Lifecycle
- Health and Safety
- Social Programs
- Environmental Monitoring Results involving the Community

Casas Abiertas Program

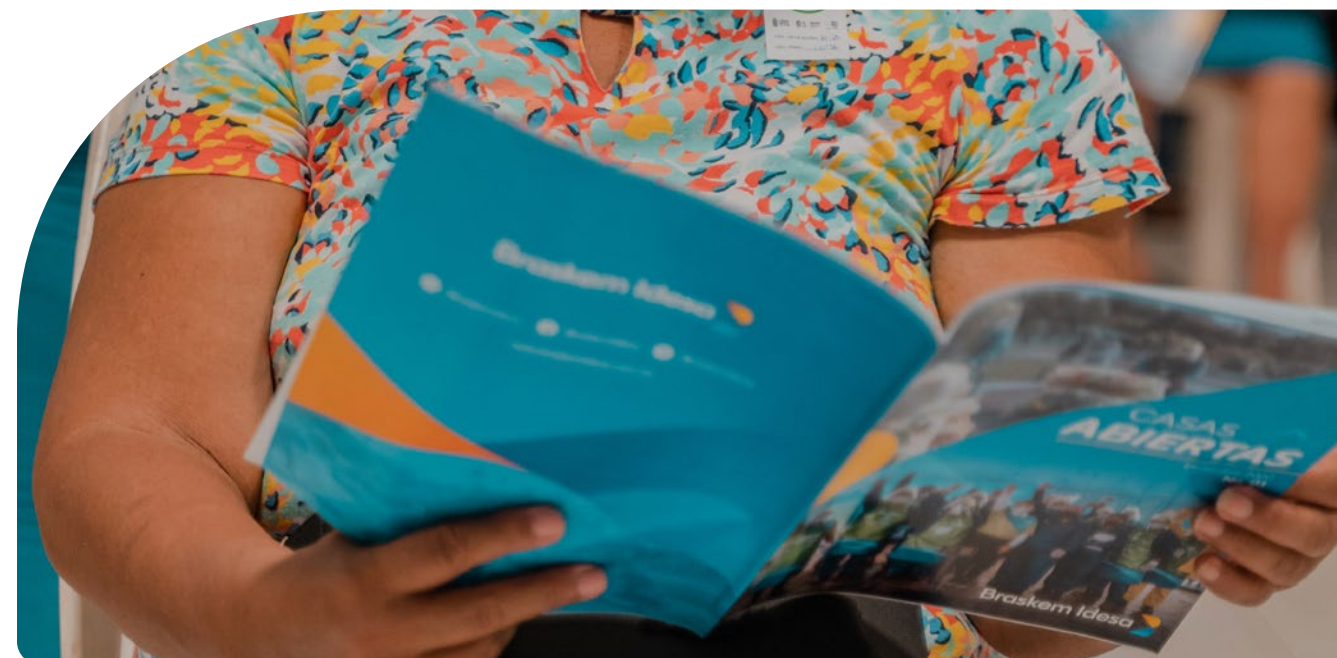
This program is open to the general public and has been organized in a face-to-face format for the past 13 years and as an informative newsletter over the past 2 years. It has allowed us to share with the authorities, communities, media outlets and people in general information about our company:

IN 2020 & 2021

as a result of the pandemic, the **Open House Program** was turned into an informative newsletter.

Participation in the Casas Abiertas Program	2020	2021
Total number of people* informed	500	1000
Total Participants from Braskem Idesa (volunteers to communicate information)	9	9
Cumulative Total Participants/People Reached since 2012 (13 events)	3,747	4,747

*We changed the term participants for people informed given the changes to the program's format.



[413-1]

Community Meetings

This Program began in 2012 to promote dialog with the communities surrounding our petrochemical complex. Biannual meetings were organized when we began operations, and, as of 2016, they are now held annually. During 2021, and in order to stay connected with these communities, we organized online meetings, in addition to in-person visits with local government officials and community leaders.



DURING 2021, WE HAD

1,200 interactions with people from the community.

The Braskem Idesa Experience – Community Visit to our Petrochemical Complex

As part of our stakeholder engagement strategy, we have organized virtual tours of our Petrochemical Complex for people, NGOs, or other companies in order to offer them the opportunity to learn more about our facilities, operations, Team Members and safety protocols.

During 2020 and at the beginning of 2021, as a result of the public health crisis, we stayed connected with people using technology to create a virtual tour video that could be shared via WhatsApp.

	2020* virtual	2021 virtual
Total Visits by Our Stakeholders*	630	400
		2021 In Person
		82

*There were no in-person visits during 2020 as a result of the COVID-19 pandemic.

[413-1]

Community Newsletter

Another tool we use to engage with the community is a newsletter that allows us to share the results of our social, environmental and operational programs. We also publish informative leaflets and put up posters in strategic and visible points within the community to keep our areas of social influence informed.

Grievances and Complaints Mechanisms (MAQ)

We offer a system of suggestion boxes and freely available complaint forms to our communities, comprising an anonymous hotline operated by a third party to report any complaints or comments about our operations. We also have an Ethics Line run by a third party and operated by Compliance to ensure the confidentiality and monitoring of the complaints received.

Grievances and Complaints Mechanisms(MAQ) Records	2020	2021
Notification of Reception and Monitoring of Complaints	0	5
Number of Complaints	3	5
Number of Requests	0	0

Community Health and Safety

Our goal is to raise awareness regarding the health and safety of everyone within our area of social influence, and we coordinated the following measures during 2021:



[413-1]

Healthcare Campaigns

Breast Cancer Prevention Campaign

As part of our campaign to help in the prevention and early detection of breast cancer, we offered a series of talks and workshops for women in the communities of *Pollo de Oro*, *Nahualapa* and *Lázaro Cárdenas*, in collaboration with the health authorities in Coatzacoalcos, Veracruz. We also coordinated 100 mammograms.

Deworming and Vitamin Campaign

In July, we began the first community health campaign, focusing on providing deworming and vitamin tablets to help 600 people in the communities of *Pollo de Oro*, *Nahualapa* and *Lázaro Cárdenas*. Members of the communities gathered at their respective health centers for an informative talk about the importance of this campaign before being given vitamins to help boost their immune systems.

Safe School

We trained students and teachers from 6 schools located in the communities of *Pollo de Oro*, *Nahualapa* and *Lázaro Cárdenas* regarding the Emergency Response Plan (Drills, Evacuation and Risk Identification within Schools, in addition to Emergency Response). We were supported by the Braskem Idesa Emergency Team and the local Civil Protection services.

Community Brigade Training

In August, we held our first induction sessions for the three Community Brigade groups from the communities of *Pollo de Oro*, *Nahualapa* and *Lázaro Cárdenas*, creating groups to receive training in emergency response in order to support their respective communities. This session was coordinated by Civil Protection in Nanchital, the Local Mutual Help Committee (CLAM), and Braskem Idesa.

[413-1]

Dengue Prevention Campaign – Community Work

At the end of June, Braskem Idesa and members of the communities of *Pollo de Oro*, *Nahualapa* and *Lázaro Cárdenas* organized cleaning activities to prevent and minimize factors that encourage the reproduction of the *Aedes Aegypti* mosquito, which transmits the Dengue virus. During community work sessions, common areas and busy streets were also fumigated.

Doctor on Call Program

In 2021, we held 4 sessions of the Doctor on Call program, offering medical appointments via videoconference in the communities of *Pollo de Oro*, *Nahualapa*, *Lázaro Cárdenas* and *Los Coquitos*, benefiting 24 patients. Healthcare workers from each community treated the patients one by one, checking their vital signs, weight, height and temperature before they had their remote appointment with the doctor. After each appointment, patients were given the medicine prescribed by the doctor.

This activity is held once a month, ensuring on-going monitoring and medical support for people in the community.

WE BENEFITTED

more than 5,722 people through our Community Health programs during 2021.





Local Development Projects

In order to improve the areas in which people from the communities can meet up safely and harmoniously to promote education and environmental conservation, during 2021 we focused on the following infrastructure projects:

- Wireless modem with good signal.
- Plastic collection cylinder for HDPE bottle caps.
- Log for users to record their information and the amount of time they used the internet.
- Poster containing the rules and brief instructions on how to connect to the internet.

Dome Construction at Emiliano Zapata Elementary School located in the community of Ejido Lázaro Cárdenas:

As part of our social investment program, we built a dome at the *Emiliano Zapata* elementary school located in the community of *Ejido Lázaro Cárdenas*. This infrastructure project benefits communities surrounding the plant by creating a space where students can safely focus on their activities and development.

Prior to the launch of the program, we surveyed community members in order to find the ideal location to install this equipment. Schools from the three communities were chosen, and they are responsible for caring for and monitoring the equipment to ensure that it is kept in good working conditions, in addition to enforcing proper social distancing and hygiene measures.

Plastired Project:

This project focuses on providing internet access for educational, health or work purposes through an approach that encompasses both co-responsibility and internal guidelines. The fee for using this service is to donate 3 High-Density Polyethylene (HDPE) bottle caps. The infrastructure installed includes:

 **160 CHILDREN**

benefitted through the Plastired program.

[413-1]

Participative Environmental Monitoring (MAP)

In keeping with our sustainability strategy, and as part of our social and environmental efforts, we have promoted this program among members of the communities of Pollo de Oro, Nahualapa, Lázaro Cárdenas, Los Coquitos and El Chapo, allowing them to actively participate in the environmental monitoring of air quality, water and noise within their communities through the following measures:



Program Introduction

The goal is to raise awareness regarding the project and the measures that Braskem Idesa is taking to mitigate any impact.



Sampling

This is undertaken in collaboration with a certified laboratory, and the procedure for each monitoring program is explained. Furthermore, information is provided about the equipment used during the sampling process.



Presentation of Results

Thirty days after the sampling process, a session is organized in the community where the sampling took place to present the results obtained and have them interpreted by an environmental engineer from the Health, Safety and Environment (HSE) department at Braskem Idesa.

During 2021, the participation by members of the community in Participative Environmental Monitoring was as follows:

Community	Participants in Air Quality Monitoring	Participants in Water Quality Monitoring	Participants in Noise Monitoring	Total Participants per Community
Pollo de Oro	12	6	7	22
Nahualapa	9	5	2	11
Lázaro Cárdenas	7	9	2	14
Los Coquitos	1	N/A	1	3

[413-1]

MAP's undertaken to date:

	2020	2021
Number of MAP's	15	12
Members of the Community Involved	71	111

IN 2022, WE COMPLETED

12 Participative Environmental Monitoring sessions, and a total of 111 members of our communities took part.

Macro Social Investment Plan (PMIS)

The Macro Social Investment Plan is a program that benefits communities within our area of social influence to help drive economic development in the region by creating self-employment opportunities and boost their income in the short-, mid- and long term.

The goal of this plan is to help improve the quality of life of members of the community, not only in financial terms but also in social terms, by driving social inclusion, entrepreneurship, environmental conservation, cultural promotion, gender equity, education, and community health and safety.

ARTECOP S.C. DE R.L. DE C.V. (PLASTIEN)

A certified collection center for material such as HDPE plastics, as well as other materials from industries within the region, including cardboard, old files and pallets to create benches for public spaces. It collects plastic from schools from the region and participates in recycling campaigns, in addition to creating local jobs for young people and adults.

[413-1]

In 2021, Plastien achieved the following results:

- 7 new jobs.
- 11 temporary jobs.
- 25% increase in family income.
- 38 tons of plastic waste collected during 2021.
- **Participation and collection** of waste through the Plastivale and Plastianguis programs.
- 2 recycling partners: POLIPLAST and OMNIGREEN.



[413-1]

UNIMEX S.C. DE R.L. DE C.V. (TEXTISUR)

A textile project coordinated by women from the community of Nanchital, it focuses on making uniforms, and, during the pandemic, it switched to the production of facemasks and PPE for the healthcare sector that meet COFEPRIS quality standards.

In 2021, it achieved the following results:

- Maintaining and creating 13 jobs.
- Offering 9 people training in technical and management skills.
- 25% increase in family income.
- **Main products:** overalls, trousers, industrial work shirts, medical gowns, chef's jackets and facemasks.
- 4 major clients: Confederation of Mexican Workers (CTM), Petróleos Mexicanos (PEMEX), a local maintenance company (COMAYOC) and Braskem Idesa.

We were presented the Socially Responsible Company (ESR) certification by CEMEFI for the fourth consecutive year.

We were presented with an award for Best Practices in Corporate Social Responsibility in Mexico and Latin America for our COVID-19 support program.

We drive Social Responsibility within our Value Chain alongside our clients.

[413-1]

Corporate Volunteering Program

Every year, we organize volunteering activities for our Team Members and other participants to help promote the development of the communities located around our petrochemical complex, encourage the collection of plastic waste, drive recycling initiatives, and focus on environmental conservation activities.

In Mexico and around the world, we focus on three main areas, through which we have been able to achieve outstanding results. These areas are:

- **Volunteering League:** Local volunteering programs, lasting for one or two days and comprising groups of volunteers that focus on recycling, the cleaning of ecosystems, support for animal welfare associations, as well as the health and safety of people living in vulnerable situations, among others.

- **Volunteering Games:** A global competition among Team Members from Braskem Idesa and Braskem units located in Mexico, Brazil, the United States and Europe.
- **Corporate Volunteering and Alianza Anticáncer:** In 2021, the Mexikaans team, made up of Team Members from Braskem Idesa and their families, helped *Alianza Anticáncer Infantil*, an institution that provides support to boys and girls undergoing cancer treatment, donating 240 personal care kits, hair for wigs, and more than MXN \$170,000 to be put towards cancer treatments.
- **WeCareWeek:** A global week of volunteering activities that focuses on promoting the Circular Economy.



[413-1]

The results of the Braskem Idesa volunteering program in 2021 were:

- **461** volunteers among Braskem Idesa Team Members.
- **70** guest volunteers.
- **+1,500** volunteering hours during 2021.
- **5** associations and foundations supported.
- **23** communities in Mexico benefitted.



[413-1]

Local Recruitment Program - Avanza

At Braskem Idesa, we are committed to the economic and social development of people in the community, which is why we rolled out this program to promote employment opportunities and drive local recruitment in the area of social influence surrounding our petrochemical complex located in Nanchital, Veracruz.

DURING 2021, ALL 91 PEOPLE HIRED WERE KEPT ON, REPRESENTING 23%

of the economically active population from F1 communities (Pollo de Oro, Nahualapa, Lázaro Cárdenas)

	2019	2020	2021
Number of Private Social Investment Projects	9	27	31

Summary of 2021 social performance results:

	2020	2021
Investment in Social Management System (MXN)	\$ 14, 748,560 MXN = 715,949 USD	\$11,188, 595 MXN = 557,756. USD
Direct Beneficiaries of Social Management System (F1 and F2 Area of Social Influence)	59,386 (9,386 direct and 50,000 indirect)	48,000 (32,541 direct and 15,459 indirect)
Number of Private Social Investment Projects (PSI)	27	31
Number of Donation Projects	2	8
Plastic Waste Collected and Processed (ton)	109	167
Schools Benefitted	80	35
Volunteering Programs	16	11

[413-1]

Local Community Operations, Impact Assessments and/or Development Programs

	2020		2021	
	No. Operations	Percentage of Programs Implemented	No. Operations	Percentage of Programs Implemented
Social Impact Assessments	25	92.59%	31	94%
Environmental Impact Assessments	7	25.93%	7	100%
Publication of Social and Environmental Assessments	10	37.04%	11	100%
Development Programs based on Community Needs	10	37.04%	31	94%
Participation Plans based on Stakeholder Mapping	27	100.00%	31	95%
Community Consultation Processes and Committees	3	11.11%	3	100%
Employee Committee to tackle Impacts	4	14.81%	4	100%
Local Community Formal Complaints Procedures	3	11.11%	3	100%

COVID-19 SUPPORT PROGRAMS

Since the beginning of the COVID-19 pandemic, the chemical industry was declared an essential sector by the federal government. During 2021, at Braskem Idesa we continued our operations in strict compliance with health and safety protocols, pursuant to the recommendations of the World Health Organization (WHO), the Mexican Social Security Institute (IMSS), the Mexican Department of Labor and Social Work (STPS), and external consultancy firms (ICAS).



Team Member Health and Safety

At Braskem Idesa, providing a safe environment and on-going communication to our Team Members and our contractors is of fundamental importance, which is why, from the beginning of the pandemic, we established prevention protocols.

We began by creating a senior management committee tasked with monitoring the situation and the Health Brigades on a daily basis and supervising compliance with the prevention measures in place at our facilities. We also rolled out the infrastructure necessary to quickly ensure that more than 50% of our Team Members from both our complex and corporate office could start working from home.

Furthermore, we rolled out daily health questionnaires for all Team Members, visitors and contractors, created attendance lists, and carried out rapid COVID-19 testing to help decrease the risk of infection.



OUR RISK

prevention measures have covered more than 11,953 Team Members, contractors and visitors during 2021.

2. Employee Transport

We rolled out transport routes to guarantee and safeguard the health of our Team Members on entering or leaving the complex, limiting maximum vehicle occupancy to 40%, using only window seats to maintain maximum distance, ensuring all vehicles are sanitized on a daily basis, and making hand sanitizer available for Team Members.

On boarding the employee transport, the temperature of each passenger is taken, all Team Members must wear facemasks, and social distancing (1.5 m) must be observed when queuing for the bus.



DURING 2021

transportation services were offered to 768 Team Members and 465 contractors.

3. Social Distancing and Health Brigade

In compliance with public health recommendations issued by the Mexican authorities, we rolled out actions to ensure social distancing in cafeterias, canteens, reception areas, conference rooms and the auditorium, limiting occupancy to 40%, installing barriers, posting social distancing reminders, and redistributing and optimizing spaces to help avoid or mitigate infections among Team Members and contractors.

In addition to these social distancing measures, we created a Health Brigade comprising security personnel to ensure compliance with the measures implemented. This brigade filed a daily report outlining any incidents that occurred during the day.



THE HEALTH BRIGADE

helped us to prevent compliance issues with the public health measures implemented at the complex.

4. Cleaning and Disinfection

We have crews that are tasked with cleaning and disinfecting common areas, vehicles, access points, workspaces, and major points of contact on a daily basis. In order to ensure proper sanitization, a diluted solution of chlorine or a nebulizer with DERM-O-QUAT-PLUS are used, both of which are recommended by public health authorities and Braskem Idesa's medical service.

For our contractors, we sanitize the areas to which they have access, such as offices, workshops and vehicles, and we have also set up disinfection stations equipped with disinfectant wipes and hand sanitizer.

AT BRASKEM IDESA

we made no direct or indirect reductions to our workforce, and we kept on 100% of the members of the communities within our area of social influence and suppliers.

During 2021, we maintained the following prevention measures:

1. Access Control

At all access points to the petrochemical complex and corporate offices we installed filters that included thermal imaging cameras, temperature stations, 64 sanitizing gel stations, disinfectant mats, and social distancing and PPE protocols.

5. Personal Protection Equipment (PPE) and Hygiene

As part of our health protocols, the use of Personal Protection Equipment (PPE) is obligatory within our facilities, which is why installed handwashing stations with antibacterial soap and paper towels, provisional handwashing facilities for outdoor spaces, and special containers for used disposable facemasks in order to promote hygiene measures throughout our complex.



of Team Members at our offices and complex receive COVID-19 protection kits.

6. Communication and Wellness

We remain committed to safeguarding the physical and emotional health of our Team Members, which is why, since the beginning of the pandemic, we rolled out our remote working model for all our Team Members and established clear communication through a number of different platforms:

- BITV - Internal TV Channel
- Printed Newsletter
- Digital Newsletter (roundup of latest news sent via e-mail)
- Mailings
- Posters at our complex and administrative offices
- Braskem Idesa View - Corporate Intranet
- Quarterly Town Hall with our CEO and management team, during which we focused on key messages for the organization, in addition to monitoring the COVID-19 situation (cases within the company, prevention protocol, back-to-work plan, etc.).

During the year, we continued some programs, including our emotional support line and the Sentirte Bien campaign, the goal of which is to promote the mental, physical, social, workplace and personal wellness of our Team Members and their families.

WE HAVE INVESTED

more than USD \$700,000 to safeguard the health of our Team Members, suppliers and contractors.

Our Social Commitment

We created a plan of action, as part of our Social Responsibility efforts, to tackle the COVID-19 pandemic last year. In 2021, we continued to focus on 2 main areas, concentrating our support in the south-eastern region of the state of Veracruz (Coatzacoalcos and Nanchital) and in Mexico City, the company's area of social influence.



Support for Vulnerable Communities



Support for Healthcare Professionals

THIS PROGRAM

is aligned with the United Nations Sustainable Development Goals (SDG) in the areas of Good Health and Well-being, and Partnerships for the Goals.

Support for Vulnerable Communities

Emotional Support Line for Communities as a result of the COVID-19 Pandemic

In April, we rolled out the Emotional Support Line for inhabitants from F1 communities (*Pollo de Oro, Lázaro Cárdenas, Nahualapa*), the goal of which is to provide tailor-made psychological support via a confidential hotline.

We put up posters containing information about how to use the Emotional Support Line in coordination with healthcare workers from the communities.

- Donation of food parcels to F1 communities (*Pollo de Oro, Nahualapa and Lázaro Cárdenas*) and the cleaning of public spaces.

Support for Healthcare Professionals

- Donation of hospital supplies to Health Centers, Emergency Center and Hospitals in the south-east of the state of Veracruz, as well as support during Vaccination Programs.



CERTIFICATIONS AND AWARDS



Our achievements are the result of our on-going commitment and the hard work we put in every single day in order to achieve our goals. We always choose an ethical and transparent approach and contribute to the creation of value for society and the protection of the environment. In 2021, we received the following certifications and awards:

- Socially Responsible Company Award (ESR®) presented by the Mexican Center for Philanthropy (CEMEFI).
- Annual Responsible Care® Certification in Comprehensive Responsibility Management System (SARI) from the Mexican Association of the Chemical Industry (ANIQ).
- Comprehensive Responsibility Award 2021 in the categories of Water Use and Usability and Leading Verifier from the Mexican Association of the Chemical Industry (ANIQ).
- Zero Pellet Waste Blue certification from the Mexican Association of the Plastic Industries (ANIPAC).

- Ranked as one of the companies with Corporate Integrity Best Practices from the IC-500, published by **Transparencia Mexicana and Expansión magazine** (score of 98/100).
- Ranked as one of the Most Ethical Companies by **AMITAI Ética Empresarial and El Financiero**.
- Braskem Idesa's CEO, Stefan Lepecki, was ranked as one of the 300 Most Influential Leaders in Mexico by **Líderes magazine**.
- CSR Best Practices in the category of Corporate COVID-19 Measures by the Mexican Center for Philanthropy (CEMEFI).
- **ISO 9001:2015** certification for our Quality Management System.
- Alongside Braskem, we won the best sustainable project for our I'm Green portfolio from Chemical Week at **IHS Markit**.



EARTH CHAPTER

At Braskem Idesa, we are committed to sustainability through a number of initiatives, such as the Earth Charter, which we joined in 2017. It is a declaration of ethical principles that form the basis for the creation of a fair, sustainable and peaceful global society that focuses on the transition to sustainable lifestyles and human development, implementing its recommendations into our day-to-day operations. We support the principles and global alliance it proposes to help create a fair, sustainable and peaceful world.



This project began as a United Nations program, concluding in the year 2000 with the creation of the Earth Charter Commission, an international body that promotes compliance with these principles.

The principles of this Charter are:



Respect and Care for the Community of Life



Social and Economic Justice



Ecological Integrity



Democracy, Nonviolence and Peace



AT BRASKEM IDESA

we believe in **building a more sustainable society**, which is why we support the statutes and regulatory body that represent the Earth Charter.

[102-47, 103-1]

MATERIALITY

In keeping with our commitment to sustainability, we are continuously developing projects that help mitigate environmental impacts, drive social and economic development within communities, create value and solutions for both our clients and the value chain, and, above all, continue being a benchmark for the plastic industry through good ethical, social and environmental practices.

A key part of our day-to-day activities is our Global Sustainable Development Policy, which underpins the way in which we interact with our surroundings and, as a result, we have published this report, which uses the same materiality as our previous report.

Through this process, and as a result of our on-going dialog with our stakeholders and an internal analysis, 17 of the 26 material issues identified were taken into consideration. We used the Comprehensive option to share these in an accurate, balanced, clear, comparable, reliable and timely manner.

The results outlined in this report represent our commitment to being an ethical, valuable and transparent company, which is why, below, we have listed our material issues:

- **Water**
- **Air**
- Customer Service
- **Biodiversity**
- **Corruption**
- **Financial Performance**
- **Circular Economy**
- Employment
- **Energy**
- **Training and Career Development**
- **Corporate Governance**
- **Equal Opportunities**
- **Social Investment in Communities**
- Freedom of Association
- **Local Workforce**
- **Complaint Procedures**
- Public Policies
- **Post-Consumption**
- Suppliers – Environmental Management
- Local Suppliers
- Non-Renewable Resources
- Reporting and Publication
- **Waste**
- **Health and Safety**
- Property Security
- **Transparency and Integrity**



ALIGNMENT WITH GLOBAL SUSTAINABILITY STANDARDS



[102-12, 102-47, 103-1]

At Braskem Idesa, driving innovation and being at the cutting edge are part of our business DNA. Given the changes that have taken place in recent years through the renewal of the Sustainable Development Goals (SD), and in keeping with the new 2020-2030 Agenda, we have decided to focus our efforts on how best to contribute to achieving these goals.

The first major change was to shift from 10 to 7 Macro Sustainable Development Goals, a process that involved more than 500 global leaders and Team Members from Braskem Brazil, United States, Europe and Braskem Idesa in Mexico to define these commitments.

From September 2020, these redefined commitments were included in our Global Sustainable Development Strategy by the Board of Directors as the result of a materiality study, a business risk management analysis covering the value chain and society in general, and the consideration of the elements of sustainable development: economic, social and environmental.

We have reaffirmed our commitment to sustainability through these guidelines, which are helping to create projects focusing on the Circular Economy and Carbon Neutrality in order for us, in conjunction with our stakeholders, to build a more sustainable future.

Our comprehensive sustainability strategy is aligned with the UN's 2030 Agenda, the Sustainable Development Goals (SDG) and the Paris Agreement on Climate Change.

For further information about our commitments, please click on the following link:
<http://www.braskemidesa.com.mx/macrobjetivos>

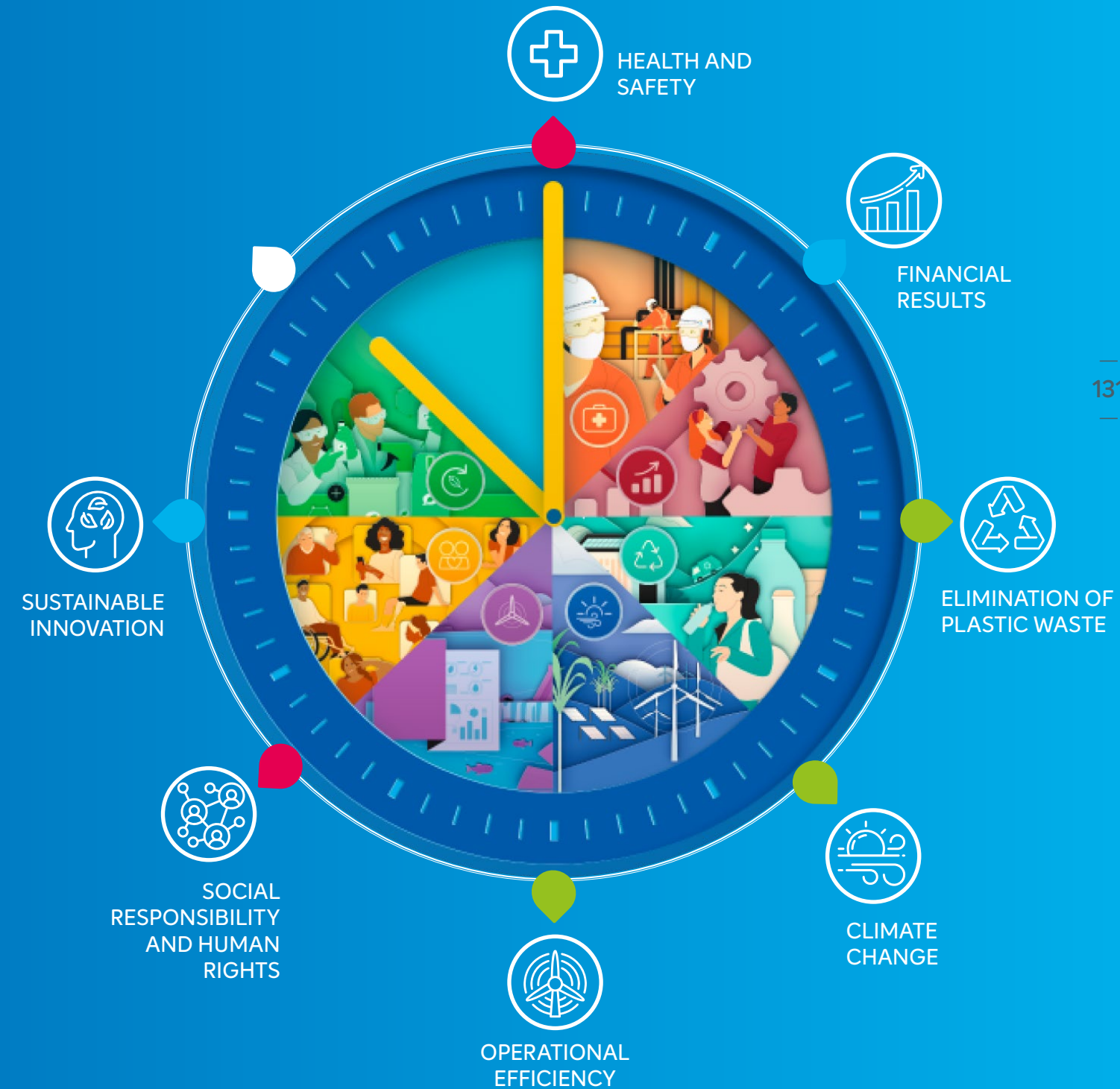
Braskem Idesa's Macro Goals

OUR PRIORITY SDG



TEMÁTICA

- SOCIAL
- ENVIRONMENTAL
- FINANCIAL
- CORPORATE GOVERNANCE



[102-12, 102-46, 103-1]

Furthermore, in order to both underpin and consolidate our commitments, we are aligned with the Global Reporting Initiative (GRI) (a guide to present our outstanding results and impacts), the Sustainability Accounting Standards Board (SASB – an index relating to our investors), and the Risk Rating issued by Sustainalytics, a ratings agency that measures a company’s sustainability based on its Environmental, Social and Governance performance (ESG). We are also aligned with the Task Force on Climate-Related Financial Disclosures (TCFD).

[102-12, 102-46, 102-53, 103-1]

Material Issue	7 Macro Goals BI	SDG	GRI Content	Coverage		SASB
				Internal	Externa	
Social Investment in Communities	6	1,3,4,11,13,17	413-1, 413-2	✓	✓	
Energy	5	7,13	302-1, 302-3, 302-4	✓	✓	RT-CH-130a.1
Water	5	6	303-1, 303-2, 303-3, 303-4, 303-5	✓	✓	RT-CH-140a.1 RT-CH-140a.2 RT-CH-140a.3
Biodiversity	4	14, 13, 15,17	304-3, 304-4	✓	✓	
Air	4	13	305-1, 305-2, 305-4, 305-7	✓	✓	RT-CH-110a.1 RT-CH-110a.2 RT-CH-120a.1
Complaints Procedures	2,6	16	413-1, 419-1	✓	✓	RT-CH-210a.1
Corruption	6	16	205-1, 205-2, 205-3	✓	✓	
Workforce	6	1,8	401-1	✓	✓	

Material Issue	7 Macro Goals BI	SDG	GRI Content	Coverage		SASB
				Internal	Externa	
Health and Safety	1	3,8	403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8, 403-9, 403-10	✓	✓	RT-CH-320a.1 RT-CH-320a.2
Financial Performance	2	8	201-1, 202-2	✓	✓	
Circular Economy	3,4,7	11,12,13,14,17	301-1, 301-2, 301-3, 306-2, 306-4	✓	✓	
Corporate Governance	1,2,4,5,6,7	16	102-14,102-18	✓	✓	RT-CH-530a.1
Postconsumer	3	9,11,12,13,17	306-4	✓	✓	RT-CH-150a.1
Waste	3	9,11,12,13,17	306-1, 306-2	✓	✓	
Transparency and Integrity	6	16	102-16, 107-17, 103-1, 103-2, 103-3, 406-1, 415-1	✓	✓	

To learn more about it or if you have questions, suggestions or comments regarding the annual sustainability report, we put at your disposal the email of our Circular Economy and Sustainability area: sustentabilidad@braskem.com



[102-55]

GRI CONTENT INDEX



For Materiality Disclosures Service, GRI Services has reviewed that the GRI Content Index is clear and that the references for 102-40 a 102-49 contents correspond to the right sections of the report. The service was performed on the Spanish version of the report.

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
GRI 101: FOUNDATION 2016			
GENERAL DISCLOSURES			
GRI 102: GENERAL DISCLOSURES 2016			
1. Organizational profile			
102-1	Name of the organization	p. 5	
102-2	Activities, brands, products, and services	p. 16-21	
102-3	Location of headquarters	The Braskem Idesa Complex comprises 1 ethane cracker, 2 high-density (HDPE) and 1 low-density polyethylene plants (LDPE). Our corporate offices are located in Mexico City at Boulevard Manuel Ávila Camacho, 36, 24th floor. Col. Lomas de Chapultepec. CP 11000 México. The Complex is located at Carretera Nanchital-El Chapo, Km 3.5, Nanchital de Lázaro Cárdenas del Río, Veracruz.	
102-4	Location of operations	p. 16, 17	
102-5	Ownership and legal form	p.5	
102-6	Markets served	p. 16-21	
102-7	Scale of the organization	p. 16, 17, 21, 28, 48, 84, 85, 86	
102-8	Information on employees and other workers	p. 84, 85, 86 Due to our type of industry, we do not depend on these types of factors and having an automatized process, our workforce can be stable and in case of any variation, it could be due to some impact on the market. The data is consulted in our Be Ux system.	
102-9	Supply chain	p. 23	
102-10	Significant changes to the organization and its supply chain	p. 7, 54	

[102-55]

[102-55]

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
102-11	Precautionary Principle or approach	p. 57-67, 90-93	
102-12	External initiatives	p. 123, 130, 132, 133, 144-155	
102-13	Membership of associations	p. 45	
2. Strategy			
102-14	Statement from senior decision-maker	p. 8, 10	
102-15	Key impacts, risks, and opportunities	p. 8, 10	
3. Ethics and integrity			
102-16	Values, principles, standards, and norms of behavior	p. 14, 15, 34	
102-17	Mechanisms for advice and concerns about ethics	p. 38	
4. Governance			
102-18	Governance structure	p. 35, 36, 37	
5. Stakeholder engagement			
102-40	List of stakeholder groups	p. 24, 25, 26	
102-41	Collective bargaining agreements	p. 84	
102-42	Identifying and selecting stakeholders	p. 24, 25, 26	
102-43	Approach to stakeholder engagement	p. 24, 25, 26	
102-44	Key topics and concerns raised	p. 24, 25, 26	
6. Reporting practice			
102-45	Entities included in the consolidated financial statements	p. 5, 7	
102-46	Defining report content and topic Boundaries	p. 132, 133	
102-47	List of material topics	p. 127, 130	
102-48	Restatements of information	p. 5, 7	
102-49	Changes in reporting	p. 5, 7	
102-50	Reporting period	p. 5, 7	
102-51	Date of most recent report	p. 5, 7	
102-52	Reporting cycle	p. 5, 7	

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
102-53	Contact point for questions regarding the report	p. 133	
102-54	Claims of reporting in accordance with the GRI Standards	p. 5, 7	
102-55	GRI content index	p. 135-143	
102-56	External assurance	p. 5, 7, 158-159	

MATERIAL TOPICS

GRI 103: MANAGEMENT APPROACH 2016			
103-1	Explanation of the material topic and its Boundary	p. 127, 130, 132, 133 This content covers the material topics: Economic Performance, Corruption, Circular Economy, Energy, Water, Biodiversity, Air, Workforce, Health and Safety, Social investment in communities and Mechanisms for complaints.	

Economic Performance

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 50	
103-3	Evaluation of the management approach	p. 50	
GRI 201: ECONOMIC PERFORMANCE 2016			
201-1	Direct economic value generated and distributed	p. 50	

GRI 202: MARKET PRESENCE 2016			
202-2	Proportion of senior management hired from the local community	Senior management comprises managers, directors, vice presidents and presidents. To calculate the number of directors from the local community (born in the same state in which they work), we use the number of people in senior management and their place of birth. This content is controlled in every country in which we operate, both in those with industrial plants and those with only commercial offices.	

Anti-corruption

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 38-43	
103-3	Evaluation of the management approach	p. 38-43	

[102-55]

[102-55]

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
GRI 205: ANTI-CORRUPTION 2016			
205-1	Operations assessed for risks related to corruption	p. 38, 42, 43, 44 31 risks were analyzed, none of which were deemed significant. The main risks that are being monitored by the Company, to mention a few, are "Suppliers Negotiation Process", "Third-Party Management" and "Anti-corruption".	
205-2	Communication and training about anticorruption policies and procedures	p. 40, 41, 42	
205-3	Confirmed incidents of corruption and actions taken	During 2021, there were no confirmed cases of corruption. A lack of knowledge surrounding the definition of the word "corruption" was identified, for which some reports with this classification were received; however, at the time of analyzing them, they were reclassified because they corresponded to other categories, such as Potential Conflicts of Interest, Complaints, Behavior, and Contract Compliance Issues.	

Circular Economy

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 69-74	
103-3	Evaluación del enfoque de gestión	p. 69-74	

GRI 301: MATERIALS 2016			
301-1	Materials used by weight or volume	p. 69, 72	
301-2	Recycled input materials used	p. 72	
301-3	Reclaimed products and their packaging materials	p. 72 a) For the packaging of bagged material in the logistics platform in 2021 the following consumption was had: Pallets: 190,360 pieces. FFS (bags): 1,243,250.98 kg. For the packaging of bagged material in OPL in 2021, the following consumption was had: Pallets: 39,383 pieces. FFS (bags): 254,880,988 kg.	

Post-Consumption

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 69-74	
103-3	Evaluation of the management approach	p. 69-74	

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
GRI 306: WASTE 2020			
306-1	Waste generation and significant waste-related impacts	p. 69-74 The impacts caused are derived from both the production of Ethylene and polyethylene, as well as the packaging of raw materials. Also of the maintenance works to the equipment and processes of the personnel that works in the facilities. The waste generated is derived from Braskem Idesa internal operations, upstream it would be from the containers and packaging where the raw material and finished product are supplied.	
306-2	Management of significant waste-related impacts	p. 69-81	

Waste

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 64, 65	
103-3	Evaluation of the management approach	p. 64, 65	

GRI 306: WASTE 2020			
306-4	Waste diverted from disposal	p. 64, 65	

Energy

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 61, 62	
103-3	Evaluation of the management approach	p. 61, 62	

GRI 302: ENERGY 2016			
302-1	Energy consumption within the organization	p. 61, 62	
302-3	Energy intensity	p. 61, 62	
302-4	Reduction of energy consumption	p. 61, 62	

Water

GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 59, 60	
103-3	Evaluation of the management approach	p. 59, 60	

[102-55]

[102-55]

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
GRI 303: WATER AND EFFLUENTS 2018			
303-1	Interactions with water as a shared resource	p. 59, 60	
303-2	Management of water discharge-related impacts	p. 59, 60	
303-3	Water withdrawal	p. 59, 60 The water area extraction and consumption is not considered as a water stress area.	
303-4	Water discharge	P. 59, 60 b, c. This information is not available, since this analysis is not performed. d. Total phenols, benzene, toluene, ethylbenzene, xylenes, polychlorinated biphenyls, HAP, SAAM. iii. There have been no breaches.	
303-5	Water consumption	p. 59, 60	
Biodiversity			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 66, 67	
103-3	Evaluation of the management approach	p. 66, 67	
GRI 304: BIODIVERSITY 2016			
304-3	Habitats protected or restored	p. 66, 67	
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	p. 66, 67	
Emmissions			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 63, 64, 65	
103-3	Evaluation of the management approach	p. 63, 64, 65	
GRI 305: EMISIONES 2016			
305-1	Direct (Scope 1) GHG emissions	p. 63 The calculation base year is 2019 verified under the RENE methodology, assigned directly by SEMARNAT. The emission factors adhere to the SEMARNAT statutes, which are published in March of each year, for 2021 the 2020 emission factors were used.	
305-2	Energy indirect (Scope 2) GHG emissions	p. 63	

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
305-4	GHG emissions intensity	p. 64	
305-6	Emissions of ozone-depleting substances (ODS)	p. 64	
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	p. 64	
Workforce			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 85, 86	
103-3	Evaluation of the management approach	p. 85, 86	
GRI 401: EMPLOYMENT 2016			
401-1	New employee hires and employee turnover	p. 85, 86	
Occupational health and safety			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 90, 91	
103-3	Evaluation of the management approach	p. 90, 91	
GRI 403: OCCUPATIONAL HEALTH AND SAFETY 2018			
403-1	Occupational health and safety management system	p. 90-93	
403-2	Hazard identification, risk assessment, and incident investigation	p. 90-93	
403-3	Occupational health services	p. 90-93	
403-4	Worker participation, consultation, and communication on occupational health and safety	p. 90-93	
403-5	Worker training on occupational health and safety	p. 90-93	
403-6	Promotion of worker health	p. 90-93	
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	p. 90-93	

[102-55]

[102-55]

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
403-8	Workers covered by an occupational health and safety management system	Braskem Idesa has a flowchart for classifying industrial safety incidents and reporting, classifying, investigating, and communicating HSE incidents. We have 939 members, who are 100% covered under this system.	
403-9	Work-related injuries	In 2021, there were no deaths, making the death rate equal to 0 and there were no disabling incidents (LTI/CAF).	
403-10	Work-related ill health	In 2021, there were no deaths resulting from any work-related ailment or illness and no occupational ailments or illnesses were identified.	
Social Investment in Communities			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 94, 95, 96	
103-3	Evaluation of the management approach	p. 94, 95, 96	
GRI 103: MANAGEMENT APPROACH 2016			
413-1	Operations with local community engagement, impact assessments, and development programs	p. 94-111	
413-2	Operations with significant actual and potential negative impacts on local communities	Braskem Idesa has no operations with significant real or potential negative impacts.	
Complaint Procedures			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 41	
103-3	Evaluation of the management approach	p. 41	
GRI 419: SOCIOECONOMIC COMPLIANCE 2016			
419-1	Non-compliance with laws and regulations in the social and economic area	Braskem Idesa has not had any sanctions or fines for non-compliance with regulations on social or economic issues. Likewise, Braskem Idesa received reports on potential laws and regulations breaches, however, it was confirmed that they were unfounded.	

GRI Standard	Disclosure Title	Page/Direct Response/URL	Omission
Transparency and Integrity			
GRI 103: MANAGEMENT APPROACH 2016			
103-2	The management approach and its components	p. 41, 87, 88, 89	
103-3	Evaluation of the management approach	p. 41, 87, 88, 89	
GRI 406: NON-DISCRIMINATION 2016			
406-1	Incidents of discrimination and corrective actions taken	p. 87, 88, 89	
GRI 415: PUBLIC POLICY 2016			
415-1	Political contributions	Braskem Idesa does not make political contributions, the "Lobbying and Political Contributions Procedure" establishes that the Team Members understand that it is forbidden to promise, offer, authorize or give, directly or indirectly, political contributions to political parties or candidates for public office on behalf of our organization. Also, interactions with public officials are internally regulated by the Public Agent Relationship Guideline DE 1110-00003 MX, which compliance is supervised by a Committee made up of the Legal Department, the Compliance department and the Institutional Relations Department, which quarterly meets and follows up the internal control tool. The Braskem Idesa Compliance and Corporate Governance Guidelines and Policies are public on the web portal: https://www.compliancebraskemidesa.com.mx/	

[102-12]

[102-12]

SUSTAINABILITY ACCOUNTING STANDARDS BOARD (SASB)



Code	Topic	Accounting metric	Unit of measure	Page / direct response
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rT-CH-110a.1



Greenhouse Gas Emissions

Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations

Metric tons (t) CO₂-e, Percentage (%)

Emissions

	2019	2020	2021
Total Emissions	1,835,509 tCO ₂ e	1,841,278 tCO ₂ e	1,661,668.64 tCO₂e
Scope 1 (Fixed and mobile fuel combustion) Gases: CO ₂ , CH ₄ , N ₂ O, HFC	1,776,776 tCO ₂ e	1,821,395 tCO ₂ e	1,487,978.37 tCO₂e
Scope 2 (Company's use of electrical energy) Gases: CO ₂ , CH ₄ , N ₂ O, HFC.	58,732 tCO ₂ e	19,883 tCO ₂ e	173,690.27 tCO₂e

We comprehensively comply with all regulations issued by environmental authorities by measuring our air emissions by gas type - NO_x, SO_x, COV, CO₂, CH₄, N₂O, HFC, PM and other categories (Cr).

Emissions by Gas Type

Emissions by Gas Type	2019 (Ton)	2020 (Ton)	2021 (Ton)
NO _x	1,195	752.21*	693.25
SO _x	36.8	17*	3.8
Volatile Organic Compounds (VOC)	21.5	6724**	391
Particulate Matter (PM)	10.8	18.1**	25.3
Other Categories (Cr)	0.000204	0.0002	0.0001


Part of our environmental strategy during 2022 will focus on involving the value chain in the creation of measures that help mitigate climate change. Through our Carbon Disclosure Project (CDP), we work alongside our business partners to create incentives for them to commit to protecting the environment.

Some of our major areas of action include:

- Identifying opportunities to decrease costs, emissions, and energy use through periodic assessments.
- Driving awareness campaigns to provide incentives for business partners to implement measures to mitigate their environmental footprint.



[102-12]

[102-12]

Code	Topic	Accounting metric	Unit of measure	Page / direct response
<p>RT-CH-110a.2</p>	<p> Greenhouse Gas Emissions</p>	<p>Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets</p>	<p>N/A</p>	<p>1. Short- and Long-Term Strategy Analysis:</p> <p>As part of our strategy, we comply with all regulations issued by the Department of the Environment and Natural Resources (SEMARNAT) and the Department of Energy (SENER), in addition to the Material and Energy Balance Methodology, monitoring all emissions stemming from our operations.</p> <p>We are also governed by a Global Development Policy that encompasses 7 Macro Sustainability goals, including climate change, operational efficiency, and actions and goals to help mitigate, reduce or capture GHG. The Greenhouse Gas Legal Framework we follow encompasses the following:</p> <ul style="list-style-type: none"> • Climate Change Act, Regulations of the Climate Change Act for the National Emissions Registry (RENE), GHG Report for Annual Operating Cell (COA), GHG Calculation Methodologies, CO₂ Emission Direct Measurement Methodology. • Annual GHG emissions reports and verification for the National Emissions Registry (RENE). • Emissions Trading System Program (SCE). <p>2. Emission Reduction Goals</p> <p>Based on the Climate Change Act, the overall contribution to reducing GHG emissions from the chemical and petrochemical industry stands at 5% by 2030.</p> <p>As Braskem Idesa, our goal lies in: 1) Identifying projects to reduce, mitigate or capture CO₂; 2) Driving energy efficiency in our operations; 3) Consolidating waste management; 4) Identifying renewable energies; 5) Participating in Emissions Trading; 6) Assessing the acquisition of an Energy Efficiency Certificate for the petrochemical complex.</p> <p>Additionally, Grupo Braskem has made a public global commitment through its operations in Brazil, the United States, Europe and Mexico to reduce GHG emissions by 15% before 2030, in addition to becoming carbon neutral by 2050.</p> <p>3. Analysis of results vs. goals</p> <p>Regarding emissions by gas type in our operations, there was a decrease in 2021 compared to 2020 as a result of the following actions:</p> <p>1) Equipment maintenance, the use of natural gas instead of ethane gas for energy generation, and operational efficiency stemming from the cutting-edge technology employed at the complex</p> <p>We measure our air emissions by type of gas, considering NO_x, SO_x, VOC, CO₂, CH₄, HFC, PM and other categories such as Cr.</p> <p>2) Emission reduction targets</p> <p>3) Analysis of the results in relation to objectives</p>


[102-12]




[102-12]

Code	Topic	Accounting metric	Unit of measure	Page / direct response																								
RT-CH-120a.1	 <p>Air Quality</p>	Air emissions of the following pollutants: (1) NOx (excluding N ₂ O), (2) SOx, (3) volatile organic compounds (VOCs), and (4) hazardous air pollutants (HAPs)	Metric tons (t)	<p>We measure our emissions by gas type, taking into consideration NOx, SOx, COV, CO2, CH4, HFC, PM and other categories (Cr).</p> <p>Emissions by Gas Type</p> <table border="1"> <thead> <tr> <th>Emissions by Gas Type</th> <th>2019 (Ton)</th> <th>2020 (Ton)</th> <th>2021 (Ton)</th> </tr> </thead> <tbody> <tr> <td>NOx</td> <td>1,195</td> <td>752.21*</td> <td>693.25</td> </tr> <tr> <td>SOx</td> <td>36.8</td> <td>17*</td> <td>3.8</td> </tr> <tr> <td>Volatile Organic Compounds (VOC)</td> <td>21.5</td> <td>67.24**</td> <td>391</td> </tr> <tr> <td>Particulate Matter (PM)</td> <td>10.8</td> <td>18.1**</td> <td>25.3</td> </tr> <tr> <td>Other Categories (Cr)</td> <td>0.000204</td> <td>0.0002</td> <td>0.0001</td> </tr> </tbody> </table> <p>* Changes are a result of equipment maintenance, representing a decrease compared to 2019. ** Significant changes are a result of the use of ethane gas as a fuel during the month of December.</p>	Emissions by Gas Type	2019 (Ton)	2020 (Ton)	2021 (Ton)	NOx	1,195	752.21*	693.25	SOx	36.8	17*	3.8	Volatile Organic Compounds (VOC)	21.5	67.24**	391	Particulate Matter (PM)	10.8	18.1**	25.3	Other Categories (Cr)	0.000204	0.0002	0.0001
Emissions by Gas Type	2019 (Ton)	2020 (Ton)	2021 (Ton)																									
NOx	1,195	752.21*	693.25																									
SOx	36.8	17*	3.8																									
Volatile Organic Compounds (VOC)	21.5	67.24**	391																									
Particulate Matter (PM)	10.8	18.1**	25.3																									
Other Categories (Cr)	0.000204	0.0002	0.0001																									
RT-CH-130a.1	 <p>Energy Management</p>	1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable, (4) total self-generated energy 2	Gigajoules (GJ), Percentage (%)	<p>1) Total energy used in 2021 reached 23,662,476.36 GJ</p> <p>(2) Percentage of energy from the grid.</p> <p>(3) Percentage of renewable energy, No energy from renewable sources was used.</p> <p>(4) Total self-generated energy</p> <p>We have a natural gas cogeneration plant that provides energy to our Petrochemical Complex and helps mitigate our environmental impact. The following table the result was:</p> <table border="1"> <thead> <tr> <th></th> <th>Electricity Used</th> <th>Electricity Sold</th> <th>Intensity Ratio*</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>659,178 MWh</td> <td>147,050 MWh</td> <td>14 GJ</td> </tr> <tr> <td>2021</td> <td>624,607 MWh</td> <td>50,909 MWh**</td> <td>14 GJ</td> </tr> </tbody> </table> <p>We used 362,836-368GJ of electricity from the grid and exported 183.273.228 GJ.</p>		Electricity Used	Electricity Sold	Intensity Ratio*	2020	659,178 MWh	147,050 MWh	14 GJ	2021	624,607 MWh	50,909 MWh**	14 GJ												
	Electricity Used	Electricity Sold	Intensity Ratio*																									
2020	659,178 MWh	147,050 MWh	14 GJ																									
2021	624,607 MWh	50,909 MWh**	14 GJ																									

[102-12]




[102-12]

Code	Topic	Accounting metric	Unit of measure	Page / direct response															
RT-CH-140a.1	 <p>Water Management</p>	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Thousand cubic meters (m ³), Percentage (%)	<p>(1) Total water extracted.</p> <p>We extract surface water from the Uxpanapa River which is transported from the dam to our petrochemical plant through our pumping plant.</p> <p>We clarify the water for its subsequent distribution and use, mainly to replace cooling water or to generate steam.</p> <p>Below are the total water extraction indicators for 2021 in each area (in m3) and the breakdown based on the following sources:</p> <ul style="list-style-type: none"> i. Surface Water = 8,302,208.00 m³ ii. Ground Water = 0.0 m³ ground Water iii. Seawater = 0 m³, seawater is not used) iv. Produced Water = 0 m³, no water is produced v. Water from Third Parties = 0 m³, wastewater is not treated <p>(2) Total water used - percentage of each region with high or extremely high initial water stress.</p> <p>Our greatest water demands come from our production processes, mainly our refrigeration and steam generation systems.</p> <p>Below is a comparison of total water use:(Note: The water extraction area and consumption is not considered as a water stress area).</p> <table border="1"> <thead> <tr> <th></th> <th>Total Water Use</th> <th>Wastewater</th> <th>Recycled Water</th> <th>Percentage of Water Recycled</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>8,667,077 m³</td> <td>1,425,950 m³</td> <td>1,578,544 m³</td> <td>18.21%</td> </tr> <tr> <td>2021</td> <td>8,374,405 m³</td> <td>1,098,580 m³</td> <td>914,281 m³</td> <td>10.89%</td> </tr> </tbody> </table>		Total Water Use	Wastewater	Recycled Water	Percentage of Water Recycled	2020	8,667,077 m ³	1,425,950 m ³	1,578,544 m ³	18.21%	2021	8,374,405 m³	1,098,580 m³	914,281 m³	10.89%
			Total Water Use	Wastewater	Recycled Water	Percentage of Water Recycled													
		2020	8,667,077 m ³	1,425,950 m ³	1,578,544 m ³	18.21%													
2021	8,374,405 m³	1,098,580 m³	914,281 m³	10.89%															
RT-CH-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Number	Braskem Idesa had no compliance issues relating to water quality regulations, standards and permits.																
RT-CH-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	N/A	<p>1) Description of Risks</p> <p>2) Strategy Analysis and Mitigation Practices</p> <ul style="list-style-type: none"> • We guarantee our water discharges comply with the 2018 Coatzacoalcos River Declaration, implementing a wastewater discharge system that ensures the river's capacity is not exceeded, in addition to permitting natural degradation and tributary recovery. • We carry out biannual monitoring of groundwater and surface water within the communities surrounding our plant. • We extract surface water from the Uxpanapa River, which is transported from the dam to our petrochemical plant through our pumping plant. • We clarify the water for its subsequent distribution and use, mainly to replace cooling water or to generate steam. <p>The water is subjected to a process of chlorination, clarification and filtration for its distribution and is mainly used to replenish the cooling water system and for steam generation.</p>																

Code	Topic	Accounting metric	Unit of measure	Page / direct response																		
RT-CH-150a.1	 Hazardous Waste Management	Amount of hazardous waste generated, percentage recycled	Metric tons (t), Percentage (%)	<p>Below is a comparison between 2020 and 2021 of all hazardous waste generated (metric tons) and the disposal method used:</p> <table border="1"> <thead> <tr> <th>Waste Elimination Method</th> <th>Reuse (Ton)</th> <th>Recycling (Ton)</th> <th>Landfill (Ton)</th> <th>Others (Ton)</th> <th>Total (Ton)</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>59.7</td> <td>0 *</td> <td>1.76</td> <td>2,415</td> <td>2,476</td> </tr> <tr> <td>2021</td> <td>241.4</td> <td>27.8</td> <td>4.2</td> <td>789.7</td> <td>1,063.1</td> </tr> </tbody> </table> <p>*There was no reuse derived from the fact that they went to "Another type of management"</p>	Waste Elimination Method	Reuse (Ton)	Recycling (Ton)	Landfill (Ton)	Others (Ton)	Total (Ton)	2020	59.7	0 *	1.76	2,415	2,476	2021	241.4	27.8	4.2	789.7	1,063.1
Waste Elimination Method	Reuse (Ton)	Recycling (Ton)	Landfill (Ton)	Others (Ton)	Total (Ton)																	
2020	59.7	0 *	1.76	2,415	2,476																	
2021	241.4	27.8	4.2	789.7	1,063.1																	
RT-CH-210a.1	 Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	N/A	<p>At Braskem Idesa, the key policies (internal and regulatory) on local communities are international standards, the Performance Standards (ND) of the International Finance Corporation (IFC), as well as the Recommendations about Common Approaches to the Environment (AE) of the Organization for Economic Co-operation and Development (OECD) and with the Operational Directives (OD) of the Inter-American Development Bank (IDB).</p> <p>We voluntarily assume the national regulations on a Socially Responsible Company SCR by Centro Mexicano de la Filantropía (CEMEFI), where the behaviour of the organization based on values is evaluated, and the commitment to address the impact of the activities and decisions of its stakeholders, to maintain the social license to operate. Likewise, Braskem Idesa has a management program that has been implemented since the beginning of construction in 2011 and that has been evolving based on the needs of the business and the interested parties.</p> <p>The means by which Braskem Idesa addresses risks and impacts about stakeholders are:</p> <p>The grievance and complaint mechanism, with different communication channels: mailbox, telephone, visits to communities and community mail, quejascomunitarias@braskem.com,</p> <p>In addition to the different engagement forums, the social traffic light is updated where possible risks are identified, official notices of an event, crisis committee, use of Braskem Idesa's social networks.</p> <p>With other organizations we have: health committees, meetings with municipal authorities, a local mutual aid committee to talk with companies in the region on safety issues and good practices.</p>																		
RT-CH-320a.1	 Workforce Health & Safety	(1) Total recordable incident rate (TRIR) and (2) fatality rate for a) direct employees and b)contract employees	Rate	<p>(1) Total Recordable Incident Rate (TRIR) In 2021, there were no recordable incidents (TRIR).</p> <p>(2) Morality Rate:</p> <ul style="list-style-type: none"> a. Direct Employees: There were no deaths in 2021 as a result of workplace accidents or illnesses. b. Employees under Contract: There were no deaths in 2021 as a result of workplace accidents or illnesses. 																		

[102-12]

[102-12]

Code	Topic	Accounting metric	Unit of measure	Page / direct response
RT-CH-320a.2	 <p>Workforce Health & Safety</p>	Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	N/A	<p>All contractors and Team Members who work at our complex receive training in the following areas: SHE Induction, Identification of Risks, Hazardous Substances and PPE (Personal Protection Equipment), Risk Communication System (GHS), Waste Management, Emergency Response Plan, Work Permits / Job Safety Analysis (JSA).</p> <p>They also receive training based on their functions, including:</p> <ul style="list-style-type: none"> • Confined Spaces. • Work at Heights • Hot Work and Work with Energized Equipment. • Hazardous Energy Isolation (PAEP). • Work with Energized Equipment • Hydro Jetting. • Blasting. • Others. <p>In order to develop prevention measures to guarantee the security of all our operations, while, at the same time, improving the Occupational Health and Safety Management System, we have implemented a Work Permit Audit system that includes Job Safety Analysis (JSA) and Preliminary Hazard Analysis (PHA) for Services, in addition to complying with STPS standards.</p> <p>During the assessment process for this new System, we asked our Team Members and contractors for feedback:</p> <ol style="list-style-type: none"> 1. Monthly Safety Inspections. 2. Communication of Lessons Learned. 3. Contractor Training.
RT-CH-410b.1	 <p>Safety & Environmental Stewardship of Chemicals</p>	(1) Percentage of products that contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances, (2) percentage of such products that have undergone a hazard assessment	Percentage (%) by revenue, Percentage (%)	Not a material issue for Braskem Idesa
RT-CH-410b.2	Safety & Environmental Stewardship of Chemicals	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human and/or environmental impact	N/A	Not a material issue for Braskem Idesa
RT-CH-540a.1	 <p>Operational Safety, Emergency Preparedness & Response</p>	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR), and Process Safety Incident Severity Rate (PSISR)	Number, Rate	<p>Industrial Safety 2021:</p> <ol style="list-style-type: none"> 1) Recordable Rate (CAF + SAF): 0.45 2) CAF Rate: 0 3) Severity Rate: 0 <p>Process Safety 2021:</p> <ol style="list-style-type: none"> 1) TIER 1 Rate: 0 2) TIER 2 Rate: 0.23 3) Severity Rate: 0 <p>RPsychological Process Safety Incident Control (PSIC)</p>
RT-CH-540a.2		Number of transport incidents	Number	Not a material issue for Braskem Idesa



RECOMMENDATIONS

In alignment with the Task Force on Climate-related Financial Disclosures TCFD standard that was created in 2015 by the Financial Stability Board (FSB) in order to encourage companies to share information with their investors related to climate change and how they manage their efforts; at Braskem Idesa, assuming our commitment, we have begun to report in line with the standard and we will work to attend this organism recommendations.

Recommendations	Recommended report	Code	Page/s
Governance	a) Describe the board’s oversight of climate-related risks and opportunities.	GOB-A	P. 58, 130, 131, 132, 133
	b) Describe management’s role in assessing and managing climate-related risks and opportunities.	GOB-B	P. 35, 36, 37, 58
Strategy	a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	EST-A	P. 58, 130, 131, 132, 133
	b) Describe the impact of climaterelated risks and opportunities on the organization’s businesses, strategy, and financial planning.	EST-B	P. 8, 10, 48
	c) Describe the resilience of the organization’s strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario	EST-C	P. 8, 10, 48

Recommendations	Recommended report	Code	Page/s
Risk Management	a) Describe the organization’s processes for identifying and assessing climate-related risks.	GDR-A	P. 58, 130, 131, 132, 133
	b) Describe the organization’s processes for managing climate-related risks.	GDR-B	P. 58, 130, 131, 132, 133
	c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization’s overall risk management.	GDR -C	P. 58, 130, 131, 132, 133
Metrics and Targets	a) Disclose the metrics used by the organization to assess climaterelated risks and opportunities in line with its strategy and risk management process.	MYO-A	P. 57-81
	b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	MYO-B	P. 63-65
	c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	MYO-C	P. 58, 130, 131, 132, 133

[102-56]

VERIFICATION LETTER

[102-56]



Verification Letter of the Braskem Idesa 2021 Integrated Report Annual Sustainability -ESG Report 2021

To Board of Directors of Braskem Idesa SAPI (Investment Promotion Corporation) and Braskem Idesa Servicios S.A de C.V. :

We inform you that Timberlan Online Social Networks carried out a limited and independent verification of a sample of contents of the GRI Standards and topics of the Sustainability Reporting Standards Board (SASB), contained in the Annual Sustainability Report - ESG 2021 of Braskem Idesa (SAPI) And Braskem Idesa Servicios S.A. of C.V. (Braskem Idesa).

Responsibilities, criteria and scope:

The scope of our verification covered the results of "Braskem Idesa", corresponding to the period from January 1st to December 31st, 2021.

Our mission is to issue impartial and objective opinions about the certainty, traceability and reliability of a sample of GRI and SASB Contents published in the Annual Sustainability Report ESG-2021. Our work considered as criteria: GRI Standards, in accordance with the Essential option, the SASB "Chemical" standards, and the International Standard on Assurance Engagements (ISAE) 3000, "Assurance Engagements Other Than Audits or Reviews of Historical Financial Information".

"Braskem Idesa" is responsible for the preparation of the information contained in the Annual Sustainability Report - ESG 2021, and that included in the scope of the verification, which implies, but is not limited to: the selection process of material topics, report of contents of the GRI Standards and SASB topics.

Among the activities carried out during the verification process are listed: validation of information presented in previous reports, review of methodological compliance with the aforementioned standards, verification of qualitative and quantitative data through visual, documentary and public evidence and analysis of the quantitative data.

Therefore, we can conclude that during the review of the sample of GRI and SASB content published in the Annual Sustainability Report - ESG 2021, we did not find any factor that makes us think that the data does not comply with certainty, traceability and reliability. Likewise, we did not identify any element that would lead us to consider that the methodological requirements were not met.

An internal report of recommendations, exclusive to "Braskem Idesa", is delivered separately, containing the areas of opportunity detected.



Alma Paulina Garduño Arellano
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July 15th, 2022

Declaration of independence and competence of Redes Sociales en Línea Timberlan

Timberlan Online Social Networks employees has the level of competence necessary to verify compliance with the standards used in the preparation of Sustainability Reports, so they can issue a professional opinion on the reports of non-financial information, complying with the principles of independence, integrity, objectivity, competence and professional diligence, confidentiality and professional behavior. In no case can our verification statement be understood as an audit report, so no responsibility is assumed for the management and internal control systems and processes from which the information is obtained. This Verification Letter is issued on July 15th, 2022 and is valid as long as no subsequent and substantial modifications are made to the Braskem Idesa Integrated Report Annual Sustainability -ESG Report 2021.

GRI Standards Disclosures	SASB - CHEMICALS
102-1 Name of the organization	
102-2 Activities, brands, products, and services	
102-3 Location of headquarters	
102-4 Location of operations	
102-5 Ownership and legal form	
102-6 Markets served	
102-7 Scale of the organization	
102-8 Information on employees and other workers	
102-9 Supply chain	
102-10 Significant changes to the organization and its supply chain	
102-11 Precautionary Principle or approach	
102-12 External initiatives	
102-13 Membership of associations	
102-14 Statement from senior decision-maker	
102-15 Key impacts, risks, and opportunities	
102-16 Values, principles, standards, and norms of behavior	
102-17 Mechanisms for advice and concerns about ethics	
102-18 Governance structure	
102-40 List of stakeholder groups	
102-41 Collective bargaining agreements	
102-42 Identifying and selecting stakeholders	
102-43 Approach to stakeholder engagement	
102-44 Key topics and concerns raised	
102-45 Entities included in the consolidated financial statements	
102-46 Defining report content and topic Boundaries	
102-47 List of material topics	
102-48 Restatements of information	
102-49 Changes in reporting	
102-50 Reporting period	
102-51 Date of most recent report	
102-52 Reporting cycle	
102-53 Contact point for questions regarding the report	
102-54 Claims of reporting in accordance with the GRI Standards	
102-55 GRI content index	

GRI Standards Disclosures	SASB - CHEMICALS
Governance	
201-1 Direct economic value generated and distributed	
205-2 Communication and training about anti-corruption policies and procedures	
415-1 Political contributions	
419-1 Non-compliance with laws and regulations in the social and economic area	
Social	
401-1 New employee hires and employee turnover	
403-9 Work-related injuries	RT-CH-320a.1: Workforce Health & Safety: 1) Total recordable incident rate (TRIR) 2) Fatality rate for a) direct employees and b) contract employees.
403-10 Work-related ill health	
413-1 Operations with local community engagement, impact assessments, and development programs	
Environment	
301-2 Recycled input materials used	
302-1 Energy consumption within the organization	RT-CH-130a.1. Energy management: a) Energy consumption.
302-3 Energy intensity	
303-3 Water withdrawal	RT-CH-140a.1: Water management: b) Total water withdrawn
303-5 Water consumption	RT-CH-140a.1: Water management: a) Total water consumed
304-3 Habitats protected or restored	
305-1 Direct (Scope 1) GHG emissions	RT-CH-110a.1. Greenhouse Gas Emissions: a) Gross global Scope 1 emissions. b) Long-term and short-term strategy or plan to manage Scope 1 emissions.
305-2 Energy indirect (Scope 2) GHG emissions	RT-CH-110a.1. Greenhouse Gas Emissions: a) Gross global Scope 1 emissions. b) Long-term and short-term strategy or plan to manage Scope 1 emissions.
	RT-CH-150a.1. Hazardous Waste Management: Amount of hazardous waste generated, percentage recycled.

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Brand Center Braskem Idesa

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