



portosudeste

SUSTAINABILITY REPORT PORTO SUDESTE DO BRASIL S.A.

ESG Positioning for the Company / 2022

LETTER FROM THE PRESIDENT



CEO of Porto Sudeste, Jayme Nicolato

At the beginning of my professional career, I already had contact with and engaged with the issues that today make up this broad concept that we know as sustainability. Going from themes ranging from relationships with and respect for native peoples in the Amazon region, to combating social inequalities, and protecting the environment. It is increasingly clear that we have a crucial role in preserving our world and transforming the way we do business.

The perception that sustainability is fundamental to our company made me even take this lifestyle home, to my family, where we have a code of ethics, which I ended up bringing to Porto Sudeste. It is the 5 H's (Honesty, Harmony, Humanity, Humility, and Humor, in addition to Physical and mental health), which today is one of the pillars of our Sustainability Policy. We must have our north practical and real things, in everyday values.

By building a clear and well-defined purpose, we know to get to the base, so everyone can identify with it, which makes the code of ethics much more tangible. That's why our ESG concept is strongly linked to Porto Sudeste's culture. We are a company that adopts the precepts of Conscious Capitalism. And with that, we believe that culture should not be imposed on our employees, but should be understood, embraced and internalized by people. That's what happens here.

We are a company that values people. They are at the center of everything!

We were able to pass the certifications with zero non-conformities. We have a transparent relationship with the City Hall and society: our gates are open to everyone. We encourage transformative and inspiring leaders and collaborators, including many who are our neighbors, who live in and were hired from the local communities. All of this, and more, mobilizes people to act in favor of ESG guidelines.



Our company's health depends on the health of our community and the environment!

Best of all: our shareholders have started to see the results. Our relationship of trust with them is built on trust and they can see that we generate value for all stakeholders. The same benefit programs applied to our employees are applied to third parties. We also select our suppliers based on strict quality and sustainability criteria.

In the case of our customers, transparency is also total. Our employees take care of them as if they were an intrinsic part of our company, with autonomy and support. We also have a genuine concern for the environment and communities, sparing no

effort to meet their demands and proactively reducing the externalities generated as much as possible.

Finally, our goal is to be recognized as a company that generates value for everyone. We want everyone to say that we have excellence in relationships with stakeholders, management, and sustainability. We dream of people saying we are the most sustainable port in the world.

We want to generate a positive impact for everyone involved. This is the ESG we believe in!

ABOUT THE REPORT



This is Porto Sudeste's first report, which explains our stance on the sustainability agenda, showing how we work within the ESG guidelines and how we think and act to make a difference and be a reference in transforming the world into a better place. It is a communication document and an engagement and management tool for Porto Sudeste, essential to guarantee the relevance that sustainability deserves. At the same time, it demonstrates our commitment to sustainable growth and development based on the assumptions of ESG performance in the environmental, social and governance areas.

In other words, when we mention the environmental issue, we are talking about Porto Sudeste's efforts to find solutions to reduce the impacts caused by our activity. As for the social issue, it is about respect for the rights of our employees, suppliers and the life of the surrounding community. And finally, Porto Sudeste pays attention to

its governance, always thinking about adopting practices capable of aligning its management's objectives with our stakeholders' interests, generating value for both parties.

Thus, when we report our performance in sustainability, we revisit our practices, measure the results, and mature and solidify our management – with a panoramic and evident vision of our guidelines to address the main challenges posed by the ESG agenda, with indicators, targets, achievements and perspectives; as well as some reflections that motivate us to do even more and even better.

The data and information presented here mainly take into account the period from January 1 to December 31, 2021. But the ESG Positioning Report is not just a snapshot of a moment, as it records our entire history and reveals we were always connected with the context of sustainability.

Here, we expose our understanding of the leading sustainability challenges for the port and maritime logistics sector; we carried out a first exercise to prioritize themes and demonstrated our ESG positioning, identifying what we do and can do to generate genuine value for all our stakeholders. Thus, this report fulfills three main functions:

- Communicating ESG practices at Porto Sudeste and their results so far;
- Engaging stakeholders, as they are fundamental parts of our trajectory;
- Contributing to the constant evolution of sustainability management in the company.

Finally, the aim is to present Porto Sudeste's vision of the future in relation to the sustainability agenda. Challenges and propositions will be made for the company to continue on its proactive journey in favor of the ESG agenda. Porto Sudeste recognizes the impacts it causes and, especially, the need to mitigate them, seeking a better world for nature and people.



SUSTAINABILITY AND THE SECTOR

The port and maritime logistics sectors enjoy enormous importance in the global economy and, specifically, in the national growth process - including as a factor in the socioeconomic development of the surrounding communities. To get an idea of this, suffice it to say that more than 80% of global trade in goods and products is transported by sea. Thus, the ports, a vital link in the transport chain, have become essential to boost the development of a country's international trade, promote economic growth in a region - via the outflow of goods, merchandise and people - and move the economy, among other activities.

It is imperative, however, that the work carried out by the port and maritime logistics sectors be accomplished with actions that seek excellence in providing

services without losing sight of social responsibility, environmental concern and good corporate governance practices.

Based on studies carried out in the leading global and national references¹ about sustainability in these sectors, 5 central themes were listed that pose substantial challenges for the sustainability agenda in relation to the port and maritime logistics sectors. Therefore, this ESG strategic positioning report will seek to present Porto Sudeste's management and initiatives to address these challenges.

¹The analyzed references were: C40 Cities – Portos Verdes Forum; WPS – World Port Sustainability Program; National Waterway Transport Agency (ANTAQ); Green Marine Certification; IMO - International Maritime Organization (UN).

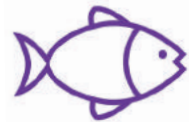
The references and institutions surveyed were:



SUSTAINABILITY CHALLENGES



Occupational Health and Safety



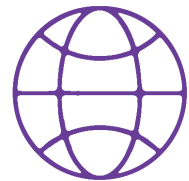
Impact on Marine Biodiversity



Relationship with the Community



Supply Chain Management



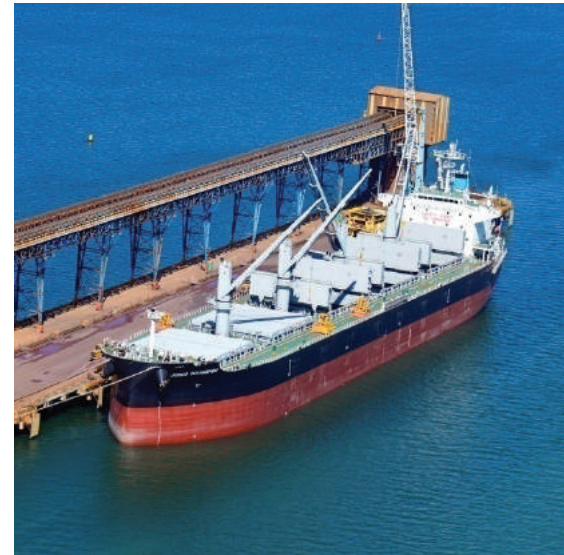
GHG Emissions and Climate Change

ABOUT THE ORGANIZATION

ABOUT US

Located on Madeira Island, in Itaguaí (RJ), Porto Sudeste do Brasil S.A. is a private company responsible for loading and unloading solid bulk and double banking of liquid bulk. Our location represents the shortest distance between iron ore products from the Iron Quadrangle of Minas Gerais² and their customers.

2 The Iron Quadrangle (Quadrilátero Ferrífero) is a region located in the center-south of the state of Minas Gerais, which is a major national producer of raw iron ore. It is an area neighboring Belo Horizonte formed by the cities of Sabará, Rio Piracicaba, Congonhas, Casa Branca, Itaúna, Itabira, Nova Lima, Santa Bárbara, Mariana, Ouro Preto, and others.



VISION:

Our strategic mission is to be one of the most innovative companies admired for our commitment to the planet and people, a source of pride for our employees.



MISSION:

Supported by this vision, our mission is to promote logistics solutions for bulk and mineral production in a safe, efficient and innovative way.



VALUES:

Our values are based on respect for life, socio-environmental commitment, collaboration and empathy, ownership and integrity.

In operation since August 2015, we are one of the most important logistics enterprises for Brazilian mining companies. Through the work we

develop, the ore produced in Brazil reaches the seaborne market and large consumers, such as the Asian market, especially China.

TIMELINE OF THE DEPLOYMENT OF PORTO SUDESTE

- JUN, 2010: Start of Porto Sudeste's construction
- SEP, 2011: End of tunnel construction (first major structure completed)
- AUG, 2012: Completion of the civil works of the maritime structures of Porto Sudeste
- FEB, 2013: Arrival of ship loaders (NCs)
- AUG, 2013: End of the car dumpers' construction
- JUN, 2014: End of the civil construction of Yard 06
- SEP, 2015: Beginning of Porto Sudeste's Operations
- FEB, 2016: Porto Sudeste receives, for the first time, two ships on the pier

We are a Joint Venture controlled by the global terminal operator Impala, a subsidiary of the Trafigura Group, a leading multinational in the oil, metals and minerals trade, and by the investment fund Mubadala, a global company that allocates capital in a variety of sectors and regions for the benefit of Abu Dhabi – both internationally recognized for conducting their business ethically and responsibly.

Our terminal can handle up to 50 million tons of solid and liquid bulk per year. Capacity can be expanded to up to 100 million tons per year.

Capable of receiving Capezise-type vessels, our enterprise has a 2.3-kilometer railway branch, a railroad stop – intended for unloading wagons and maneuvering trains – and two storage yards with a capacity of 2.5 million tons, in addition to administrative and operational buildings.


In addition to port activity, Porto Sudeste

also exports ore directly, through one of its subsidiaries, purchasing iron ore from several miners, which in turn is consolidated, armored, stored and shipped at the port facilities, including management of the land logistics of these ores that arrive at the port through the railroad.

As it is positioned in front of the Santos Basin, Porto Sudeste is also a strategic point for the logistics of operating oil from pre-salt exploration. This operation serves both the national market, through cabotage and oil distribution to other ports throughout Brazil, and the international market, such as China and the United States.

Key performance data over the past three years

	R\$ billion
2019	1.9
2020	3.4
2021	6.6

 For more information, visit:
<https://www.portosudeste.com/investidores/demonstracoes-financeiras/>

WE ARE DIVERSE

Porto Sudeste created, still in 2021, its Diversity Committee, giving rise to the Diversity Program – “Somos Diversos” (“We are Diverse”). The committee comprises 22 representatives from all levels of the organization and contains an actual example of the company's diversity. In this way, we guarantee a reasonable basis for studying, discussing and reflecting on how we bring diversity and create inclusion strategies for the company.

Also, in 2021, we carried out the Diversity Census, which provided relevant information to guide the creation of action plans and initiatives for subsequent actions. We have 22% of women in leadership positions and 15% of women in

our workforce. According to the census carried out in 2021, 8.66% of employees identify themselves as part of the LGBTQIA+ community, and 64.57% are part of Generation Y. We have 23 PwDs in the company, confirming our action to always keep the number above the quota established by legislation. Our Youth Apprenticeship program, with an effective selection process in our community, offers opportunities for 23 young people between 18 and 24 years old.

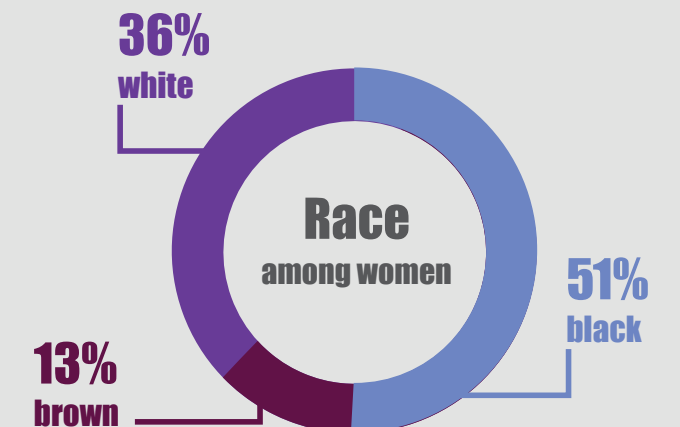
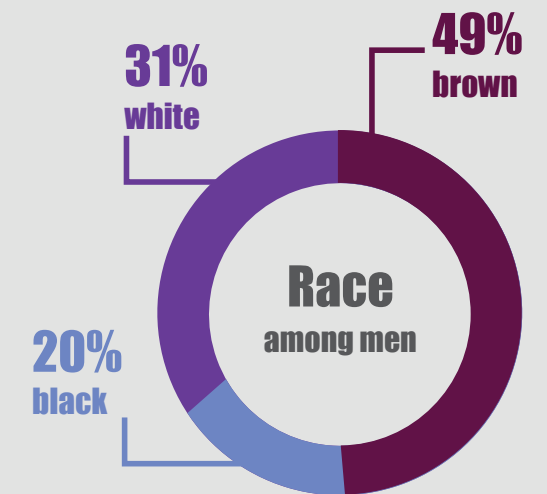
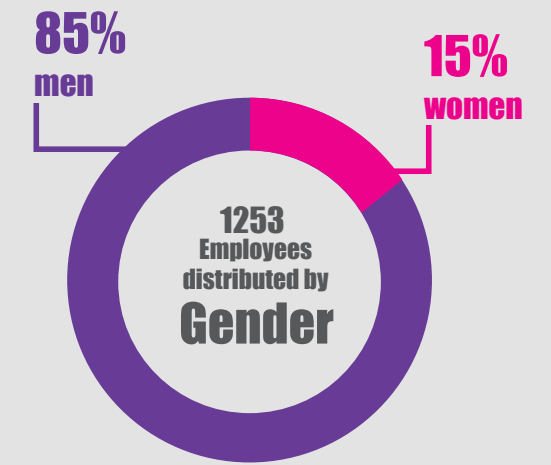
Soon, we will launch the Diversity and Inclusion Manual, Training and Education for Leadership and Affinity Groups.

In December 2021, Porto Sudeste had **548** own employees and **705** employees from contracted companies, totaling a staff of **1,253 employees.**

Of those at Porto Sudeste (including own and third parties), 58% are hired in municipalities linked to the company's operations. This index proves that the company has maintained its commitment to preferably hire local workers, thus fostering the region's socioeconomic development.



- 55%** of employees are residents of the municipality of Itaguaí
- 3%** are from the municipality of Mangaratiba
- 4%** from the municipality of Seropédica



RECRUITMENT

Our Recruitment strategy strongly focuses on our internal community (employees) and cities close to the port. Thus, all open positions are disclosed internally, ensuring that our employees can grow professionally and, if the position is not filled, we use our local relationships to advertise these vacancies and recruit professionals from the area.

In 2021, our turnover was 2.5%, admittedly below the market, with 196 new employees being hired.

CAREERS PROGRAM

(Programa Carreiras)

Based on our values and strategic objectives, we created the Annual Performance Assessment Cycle, through the Careers Program, in which 100% of our employees are assessed in behavioral skills, as follows:

- Basic Skills: Teamwork; Basic Skills: Teamwork; Focus on Results; Business view; SER; PAZ;
- Technical Skills: Impact and influence; Knowledge management
- Management Skills: Leadership and People Management

In a cycle that includes Self-Assessment and Assessment; Committee; Feedback, and Individual Development Plans.

Assessments determine decisions about promotions, salary adjustments, and transfers between areas, always thinking of ways to improve engagement and opportunities for growth.

As part of its Careers Program, the company creates development strategies to cover the possible development needs of employees. It offers a map of successors to verify which strategic positions (leaders and technical career equivalents) are covered for succession.

INSPIRATION CORPORATE UNIVERSITY

With a focus on developing the skills needed to maintain our business, the Corporate University offers educational solutions focused on leadership training, technical and mandatory training, in addition to developing essential skills.

In 2021, BRL 1.6 million were invested in development actions, with 26,717 hours of training carried out, with in-person and online actions, in classes taught by internal instructors from different areas and content offers, and through partnerships with specialized consultants in training and development. In addition, we offer educational assistance for the development of English and Mandarin and support for postgraduate and MBAs.

CARE PROGRAM

(Programa Cuidar)

Offering legal, psychological, social and financial consulting support, the Care Program, through remote/online, confidential and free-of-charge service to employees and their dependents, assists with issues affecting our employees' lives to provide more comfort for their families. **In 2021, 466 interactions were carried out on this channel.**

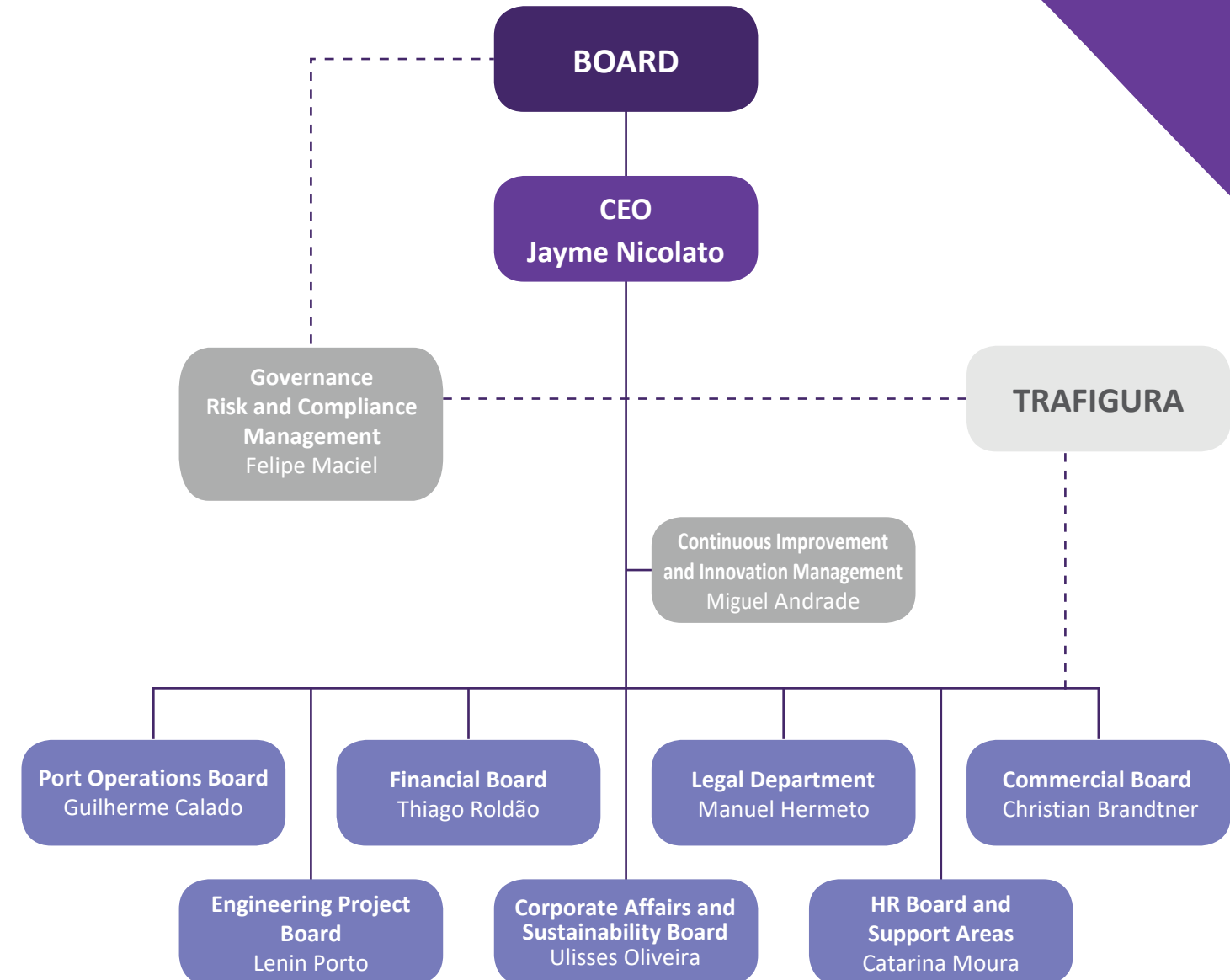
GOVERNANCE STRUCTURE

Porto Sudeste's organizational chart formalizes a governance structure that aims to manage the company in a transparent, ethical, efficient and sustainable manner. Below are the names of the people who have this vital mission.

Mineração Morro do Ipê
Created in 2016, Mineração Morro do Ipê S.A. is present in the region of Brumadinho, Igarapé and São Joaquim de Bicas with activities at Mina Ipê and Tico-Tico and iron ore processing units. Currently, operations are concentrated at the Ipê mine, with a production of 1.9 million tons per year. With the completion of works on the new Tico-Tico plant, we expect to produce 9 million tons of high-quality iron ore per year in 2023.

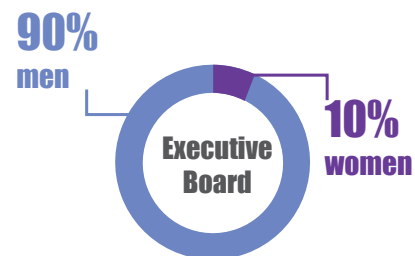
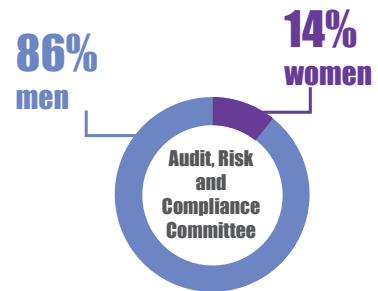
Integrated Management
Despite being independent companies, the two assets share the same management and are controlled by two international companies. One of them is Mubadala, a global investment company from Abu Dhabi, which operates in several industry sectors in more than 50 countries. The other is Trafigura, a multinational oil, metals and minerals trading leader. Both companies are internationally recognized for conducting their business with ethics and responsibility. The administrative areas of the companies operate in an integrated and centralized manner, consolidating data and developing actions to meet the demands of both companies.

PSB ORGANIZATIONAL CHART



There is also:

- Ethics Committee, created in 2022, consisting of 1 GRC (Governance, Risks and Compliance) area Head, 1 GRC Manager, 1 HR Director, 2 HR Coordinators, 1 Asset Security Manager; and
- Audit, Risks and Compliance Committee (ARCC), an independent body, made up of 4 fixed members and the participation of 1 guest.



For Porto Sudeste to be managed efficiently and with integrity, we have a robust Compliance Program implemented following the best market practices. This program consists of several mechanisms and documents linked to ethics and integrity, as follows:

- Code of conduct;
- Anti-Corruption Policy;
- External and independent reporting channel (ICTS)
- Ethics and Compliance Committee,
- Audit, Risk and Compliance Committee (ARCC)
- Sustainable Development Policy

CODE OF CONDUCT AND ETHICS ANTI-CORRUPTION POLICY

Concerning ethics and integrity, we at Porto Sudeste do Brasil S.A have a Code of Conduct and Ethics that serves as a guide for our employees to comply with the rules and guidelines provided and, at the same time, be disseminators of these norms, denouncing any established violations or suspicions of non-compliance. **Link:**

<https://www.portosudeste.com/quem-somos/governan%C3%A7a-riscos-e-conformidade/>



In compliance with the anti-corruption rules provided for in the international commitments assumed by Brazil and in the applicable legislation, we also have an Anti-Corruption Policy that commits to combat acts of corruption that may cause inconvenience to the company in general and provides for the application of appropriate legal and disciplinary measures for our employees. **Link:**

<https://www.portosudeste.com/me-dia/1573/mgpsbgrc001-codigo-de-conduta-e-etica-e-politica-anticorrupcao.pdf>



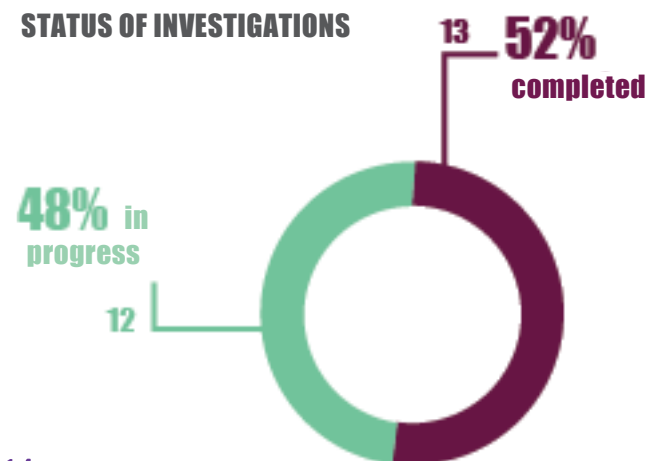
EXTERNAL AND INDEPENDENT REPORTING CHANNEL (ICTS)

It is an exclusive space for safe and anonymous – if desired – communication of conduct considered unethical or that violate ethical principles and standards of conduct and/or the legislation in force. The information registered in this channel will be received by an independent and specialized company – ALIANT, ensuring absolute secrecy and the adequate treatment of each situation by the senior management of Porto Sudeste, without conflicts of interest. These reports can also be made via telephone, 24 hours a day.

Link: <https://www.canalconfidencial.com.br/psbmmi/>

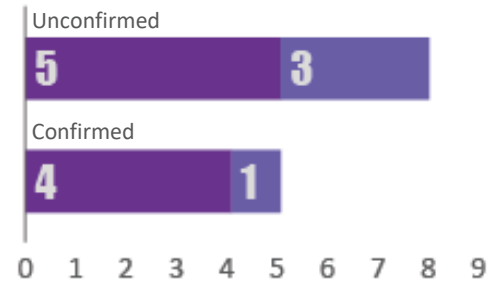


STATUS OF INVESTIGATIONS

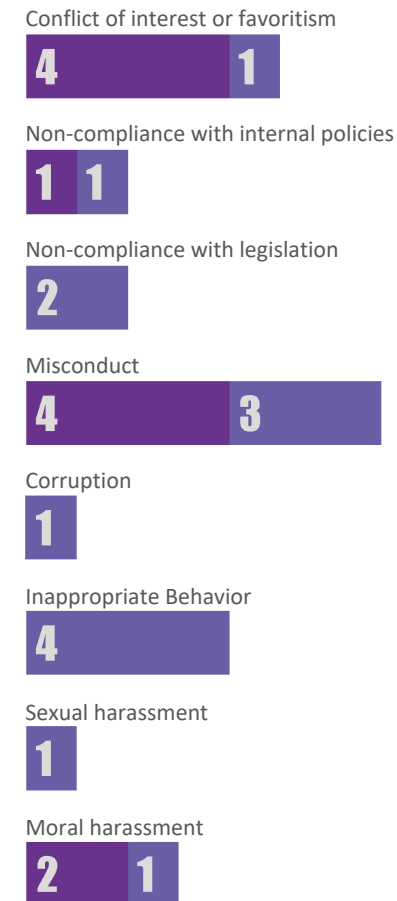


PSB MMI

INVESTIGATION RESULTS



TYPES



0 1 2 3 4 5 6 7 8

ETHICS AND COMPLIANCE COMMITTEE

To improve corporate governance related to behavioral investigations, in 2022, the Ethics and Compliance Committee was created, which aims to discuss, analyze and support, on a collegiate basis, in monthly or extraordinary meetings, decisions to conclude investigations. All decisions and sanctions are treated and discussed confidentially in a collegiate manner before possible penalties are communicated to managers for the application of appropriate measures. Complaints are only closed in the confidential channel after the decisions are taken by the board and supported by minutes, which are formalized at the end of a specific meeting for such a purpose.

AUDIT, RISK AND COMPLIANCE COMMITTEE (ARCC)

A Committee created by the Board of Directors of Mubadala and Trafigura (shareholders of Porto Sudeste) with quarterly meetings, through which all matters relating to the Governance, Risks and Compliance area are presented, such as: results of investigations arising from the confidential channel; compliance with the deadlines of the action plans of the internal audit points, as well as the deadlines of the GAPS' action plans, which are identified after the conclusion of the Risk Assessments in the internal controls, and coordinated by the GRC team.

SUSTAINABILITY POLICY

We also work with a Sustainable Development Policy that aims to establish guidelines, values, and general principles to define the organization's objectives and commitments regarding environmental requirements, people's health and safety, social responsibility and customer satisfaction.

With Sustainability, Balance, and Respect, our primary purpose is the responsible development of the region in which we operate. In this sense, we believe and invest in the people who live in the surrounding municipalities by implementing various social projects and environmental programs, which aim to strengthen the community in a way that port activities are developed without neglecting what makes this region unique.

So that Porto Sudeste can generate positive results for all its stakeholders, our Sustainability Policy is based on 6 pillars and management programs that guide us in the pursuit of operational excellence, presented below:

Top-notch Professional

(Professional Nota 10)

Transforming each employee into a manager of their activity

Professional Development

Consolidation of all management programs

Sustainability, Balance, and Respect

- Being Leader
- Being Conscious
- Being Protector
- Being Partner
- Being Human

Engagement

- Honesty
- Harmony
- Humanity
- Humility
- Humor



Zero Accident Program (Programa Acidente Zero)

If it's unsafe, don't do it and don't let the other do it!

Greater Purpose

Improve the community and environment where we operate

PRIMARY PURPOSE

For companies, achieving Sustainable Development means generating results for their shareholders, customers, community, suppliers, environment, employees, and stakeholders. Our management has Conscious Capitalism as a pillar and source of inspiration, which makes us reflect on greater purposes: Conscious Culture, Conscious Leadership and Stakeholder Orientation.



5H'S

Porto Sudeste do Brasil is committed to carrying out its business in line with its 5H'S values:

- Honesty,
- Harmony,
- Humanity,
- Humility,
- Humor,
- Mental and Physical Health.

We value our employees' physical and mental health, always seeking a sustainable, equitable, inclusive, diverse and transformative environment.

TOP-NOTCH PROFESSIONAL – PN 10 PROGRAM

This program transforms each employee into a manager of the activity performed, being a compass of personal growth and the performance of our companies.

Our commitments are:

- Contributing positively to the evolution of employee performance.

These initiatives include quality and transparency in management processes, governance of the companies Mineração Morro do Ipê and Porto Sudeste, that aim at the maintenance and safety of employees and the surrounding communities where they operate, environmental responsibility, socioeconomic development and strengthening of the local social fabric.

CAREERS PROGRAM

Program to build personal development strategies, strengthening and preparing us to achieve our purpose. In addition, it also reminds us of one of our mottos, which says, “it does not matter where you come from, but where you are going.”

Our commitments are:

- Contributing positively to the evolution of employee performance;
- Contributing to the involvement of employees to strengthen the organizational culture;
- Supporting local workforce development and hiring.

SER (SUSTAINABILITY, BALANCE AND RESPECT)

SER is a program that guides us regarding the sustainability of our actions and inspires us to go beyond compliance with legal requirements. It is also possible to manage risks and impacts, improve processes, and generate adherence to our integrated management system, seeking social development. This program maintains our motto: “the health of our company depends on the health of our community.”

PAZ (ZERO ACCIDENT PROGRAM)

This program brings the health and safety perspective to the center of our reflection and action and reminds us, "If it's not safe, don't do it and don't let others do it!"

SUPPLIERS (SUPPLY CHAIN)

SUPPLY CHAIN MANAGEMENT

Given our commitment to following the highest standards of integrity and maintaining ethical conduct consistent with our values, we decided to implement a new analysis model for the assessment/certification of our suppliers. To support us in this action, we partnered with a specialized company.

The assessment carried out by the company aims to ensure that the supplier is legally constituted and adequate in terms of reputational, fiscal, tax, labor and financial aspects, confirming its suitability.

This analysis is carried out through an audit, which includes verification of the CNPJ (Corporate Taxpayer ID) in several public and private portals and documents requested from the supplier.

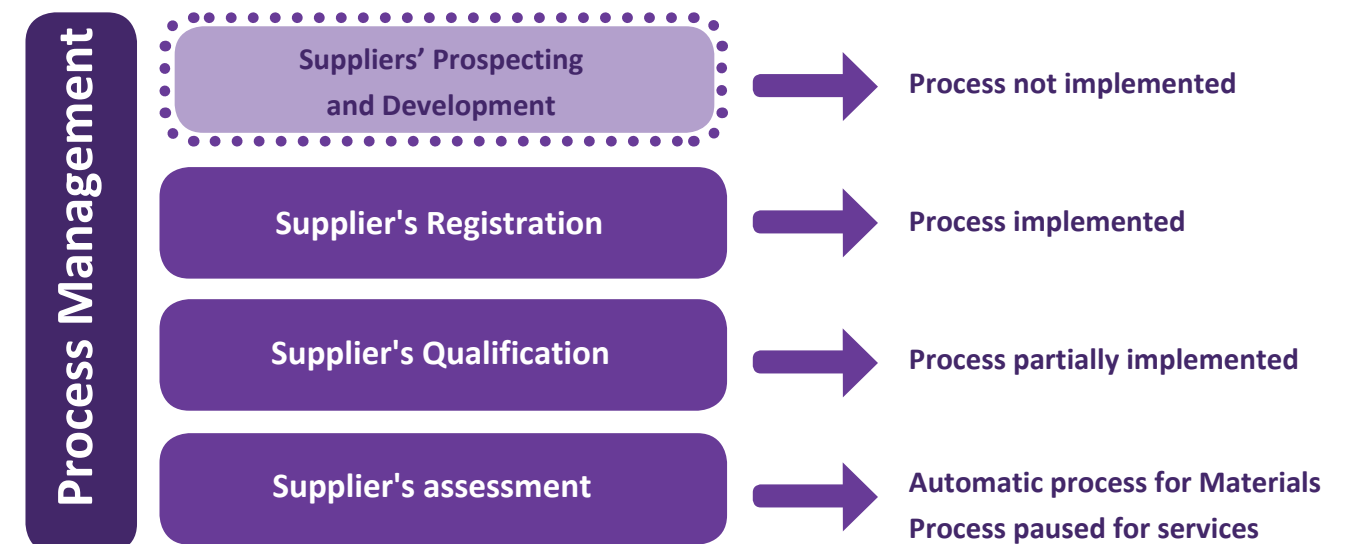
Obtaining certification will incur an annual fee to be paid by the supplier directly to the company. This annuity is only intended to cover the management costs of the certification process. Porto Sudeste or any related company does not obtain any financial result with the annuities.

Certification benefits:

Porto Sudeste spares no effort to ensure that certification adds value for both parties, highlighting the following benefits:

- The company supports suppliers with their registration updates and the expiration of their documents;
- If the supplier wishes, he can authorize the viewing of his information for other purchasing companies to increase business possibilities – this has no additional cost;
- The specialized company will request documents and fill in all the information in the systems.

MACRO PROCESS FLOW



Assessment of Material Suppliers:

Every material supplier registered in Navision, with the “Critical Analysis” field activated, requires the assessment of deliveries in terms of quantities, deadlines, quality of the material and documents presented upon the physical receipt of the material.

The “Supplier Performance Indicator (IDF, *Indicador de Desempenho do Fornecedor*)” is calculated directly by the Navision receiving system for a given item in the purchase order, based on the sum of the scores assigned to each assessment criterion:

CRITERION	SUB-CRITERION
Quantity	Fulfillment of Quantities
Deadline	Fulfillment of Deadlines
Quality	Items delivered match what was ordered
Document Verification	Regularity of the Invoice
IDF	Total

Assessment of Service Providers:

The assessment of service providers is carried out by the contract manager and/or supervisor by completing the service provider performance assessment report.

Supplier Performance Indicator (IDF)

Dimension	SUB-CRITERION
Service Scope	Execution of the contracted scope in the quality required by the PSB
Health, Safety and Environmental Protection	Compliance with the internal rules of the PSB
Document Delivery	Monitoring of the contractor's labor and tax regularity
IDF	TOTAL

At the end of the 1st half of 2022, Porto

Sudeste had **995 suppliers registered** in the supply chain database.

Line Labels	Material	Non-stock material	Service	Grand Total
Australia			1	1
Belgium			1	1
Spain			1	1
USA			4	4
Switzerland			1	1
Amazonas			1	1
Bahia			1	1
Ceará			1	1
Federal District			1	1
Espírito Santo	18	5	16	39
Goiás	2	1	3	6
Minas Gerais	194	92	200	486
Paraná	7	1	6	14
Rio de Janeiro	81	7	144	232
Rio Grande do Sul	4		8	12
Santa Catarina	7	3	7	17
São Paulo	68	24	85	177
Grand Total	381	133	481	995

23,3% of local suppliers (in the state of Rio de Janeiro)

HEALTH AND SAFETY OF WORKERS

Zero Accident with Death
since the beginning of operations in 2016

Zero occupational diseases
654,827 hours worked - annual

With Porto Sudeste's concern for the health and safety of workers, the Zero Accident Program - PAZ was created to manage Occupational Health and Safety – OHS, which aims to achieve zero accidents in the company. This program consists of the application of OHS tools with the following main objectives:

- Establishing OHS requirements so that managers, coordinators and supervisors

can manage and monitor aspects related to the topic in their operational processes;

- Promoting an OHS culture at Porto Sudeste and Mineração Morro do Ipê, the development and the change of behavior of leaders and subordinates;
- Seeking continuous improvement of OHS processes and working conditions through management;



- Establishing and crediting leaders and subordinates with the effective practice of the “area owner” concept;
- Preventing accidents at work and dealing with deviations related to unsafe behavior and/or conditions in the work environment;

- Recognizing employees for their preventive actions and safe behavior.

All events and anomalies in the terminal are mapped using digital forms, through which a correlation is made (direct link) with the database, thus allowing the real-time

management of these events. A specialized technical team investigates those events related to incidents, and the actions arising from these processes feed into the general bank for managing deviations.

In addition, within the PAZ program, we have a standardized procedure in which a preliminary risk analysis and permission for special work precede all operating activities at the terminal.

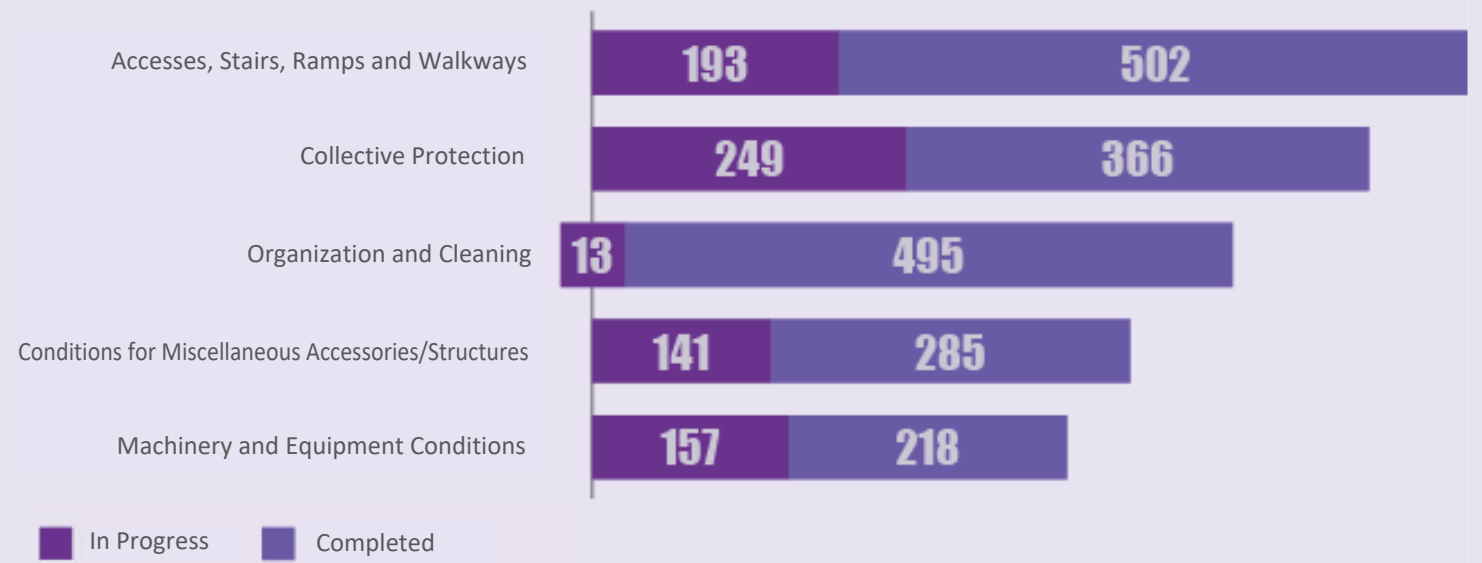
More complex activities (equipment operation, ship loaders, etc.) are conducted based on specific procedures.

The PAZ program applies to OHS and covers all Porto Sudeste operating units in the Operation, Maintenance, Implementation, Current Projects, and Operational Support sectors, among others.

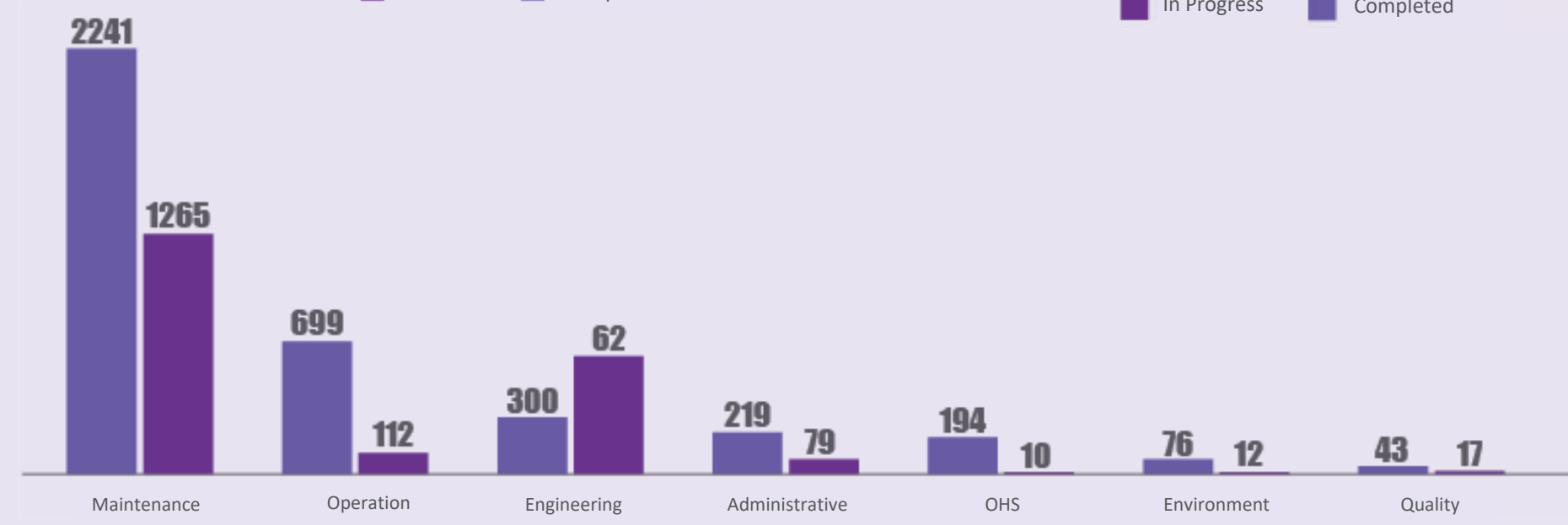
Inspection Management



TOP 5 - CLASSIFICATION OF DEVIATIONS BY TYPE



RECORDS BY AREA

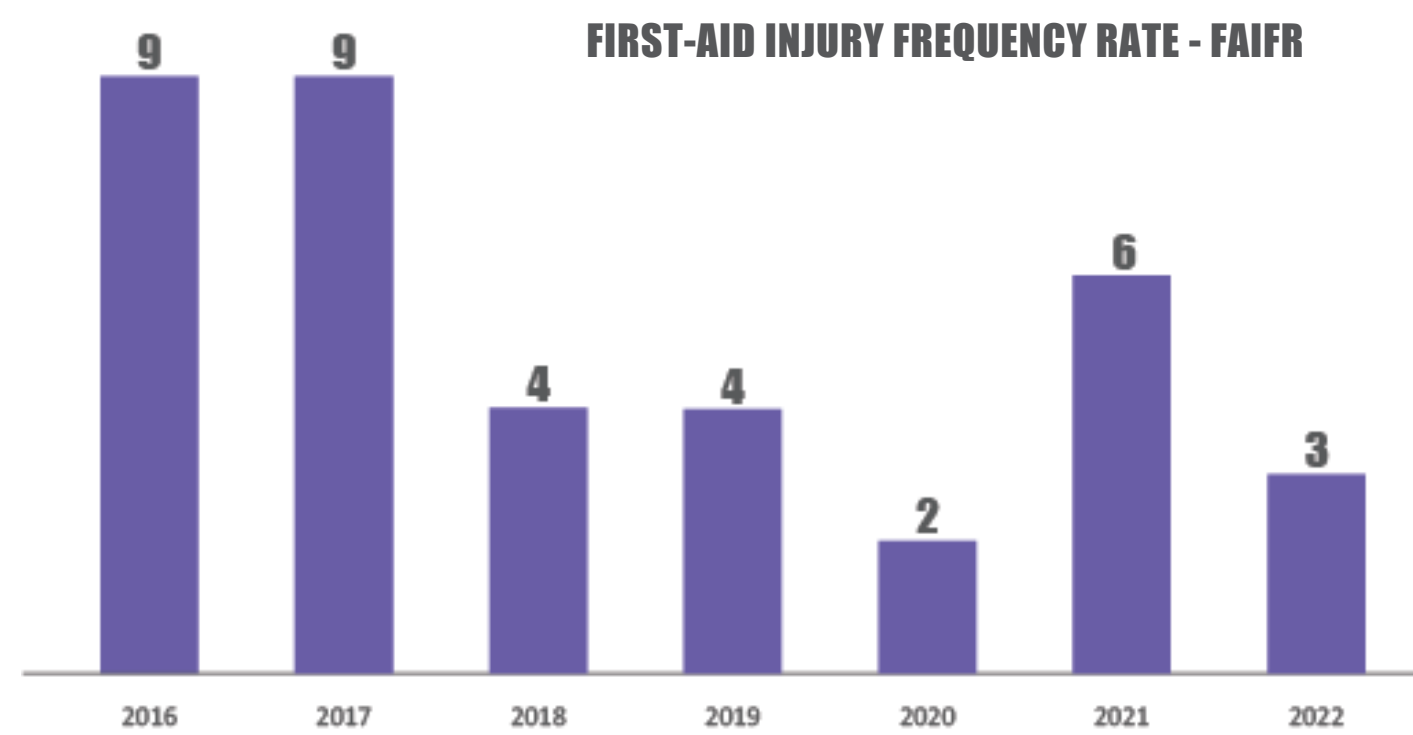
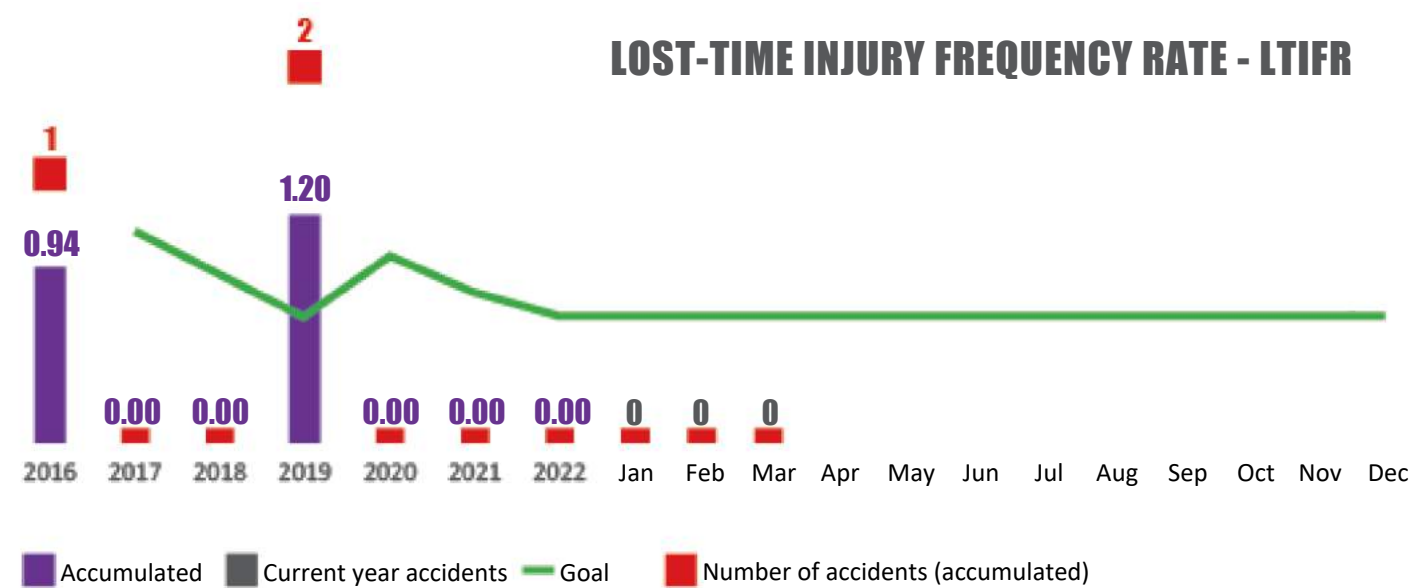


DEVIATION SOLUTION INDEX



HEALTH AND SAFETY DATA

Three incidents with days away from work were recorded between 2016-2019. However, since 2019, incidents rated as CAF (LTI) have not been identified. Currently, our rate of incidents with days away is 0.00.



We did not have any occupational disease identified among employees at Porto Sudeste.

HEALTH AND SAFETY OF STAKEHOLDERS (CUSTOMERS AND COMMUNITIES)

Porto Sudeste performs the Emergency Procedure for Risk of Fire and Panic (PECIP) with its employees and representatives of the surrounding communities. The aim is to define the risks and possible emergencies to establish responsibilities, definitions and requirements that must be observed in any emergency actions. The objective is to eliminate or minimize the consequences of these events for people and facilities, and establish the necessary contingencies. This procedure contains communication flows and possible emergency and risk scenarios.

Porto Sudeste also has a Socioeconomic Interference Monitoring Program and an Epidemiological Control Subprogram. This program has a database through which it is

possible to monitor health, public safety, and quality of life indicators, among others. In addition, data are consolidated annually in the Territorial Diagnosis and distributed to external stakeholders.

Furthermore, monthly health promotion campaigns are carried out with the health secretariats of Itaguaí and Mangaratiba for the population of these municipalities, and talks on Health Program in Schools - PSE, in Itaguaí, which is carried out through a partnership with the Municipal Secretariat of Education.



ENVIRONMENTAL MANAGEMENT

400% increase in environmental inspections in 2021

2,671 hours of environmental training carried out in 2021

+140% hours trained in 2021 relative to 2020

+48% in the average number of participants in 2021 relative to 2020

Water reuse index of 63%

Recycling Index of 79%

Reduction of 18% of GHG emissions (scopes 1, 2 and 3)

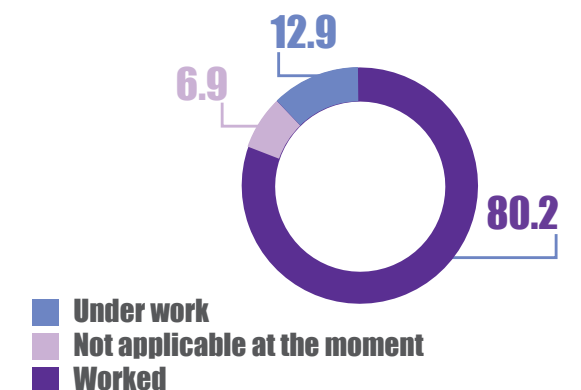
ENVIRONMENTAL MANAGEMENT SYSTEM

Porto Sudeste has a significant socio-environmental commitment, which is why it undergoes both mandatory and voluntary audits to assess its management system, which has been certified by ISO 14001 since December 2018, ISO 9001 since January 2019, and NBR 16001 since December 2021.

Annual Socio-Environmental Monitoring audits are also carried out to assess compliance with the Equator Principles III, mandatory annual audits, according to Directive DZ-056-R.3, which establishes definitions for carrying out environmental audits as an instrument of the environmental licensing system; and mandatory biannual audits, according to CONAMA Resolutions 306/02 and 381/06, guided by NBR 19001:2002, with application adapted to Brazilian environmental legal requirements, operations in maritime terminals and engineering and environmental control good practices.

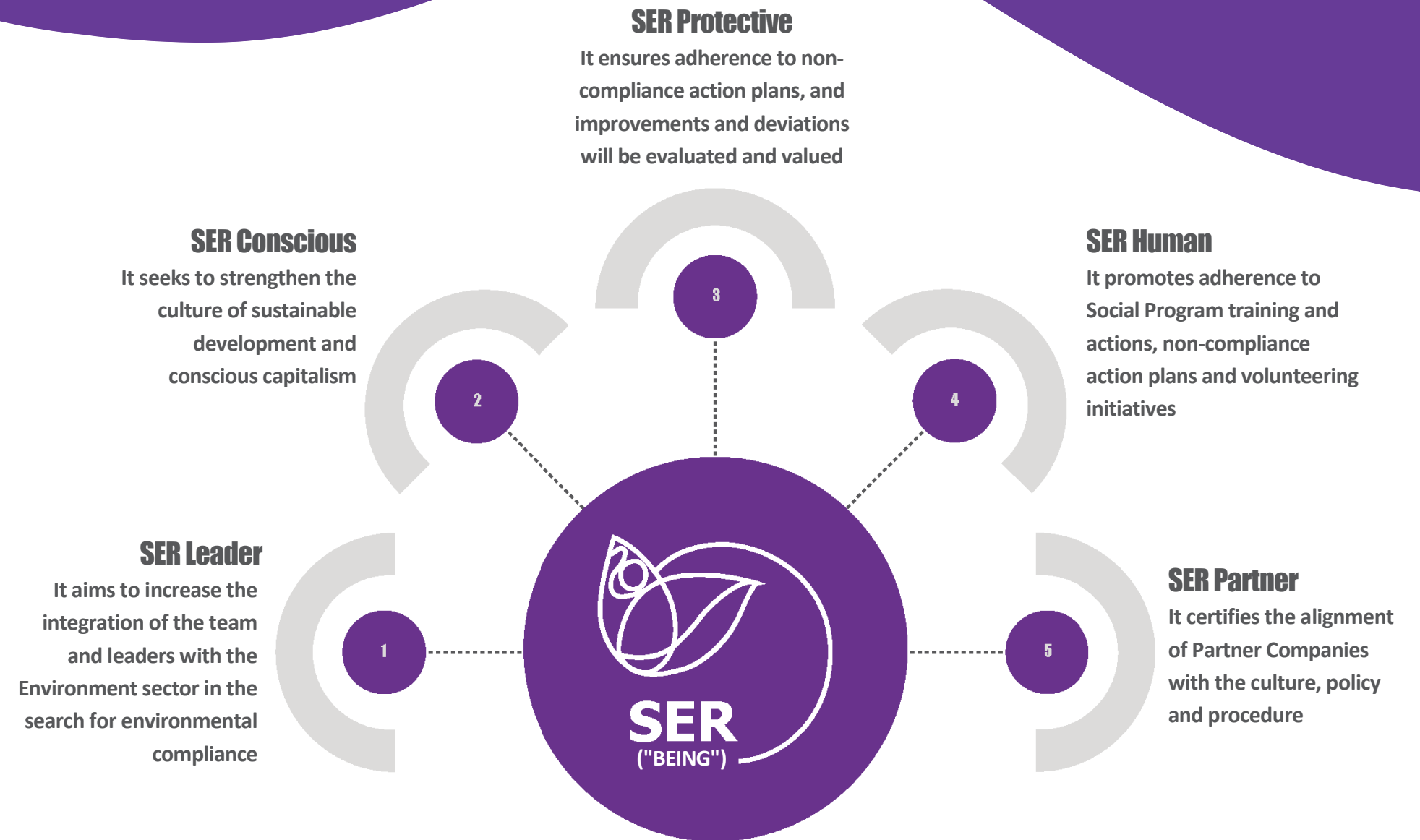
Regarding operations, Porto Sudeste has 7 environmental licenses, including an operating license, an installation license for expansion, a simplified environmental license for using the cafeteria, groundwater use, fauna management authorization, Degraded Area Recovery Plan (PRAD), and rock-cutting authorization, with more than 300 specific validity conditions in full compliance, and more than 20 Environmental Programs in progress or already carried out.

All Porto Sudeste licenses are valid under the legislation. No non-compliances were identified in the last mandatory and voluntary audits and in the most recent inspections by the licensing body (INEA).



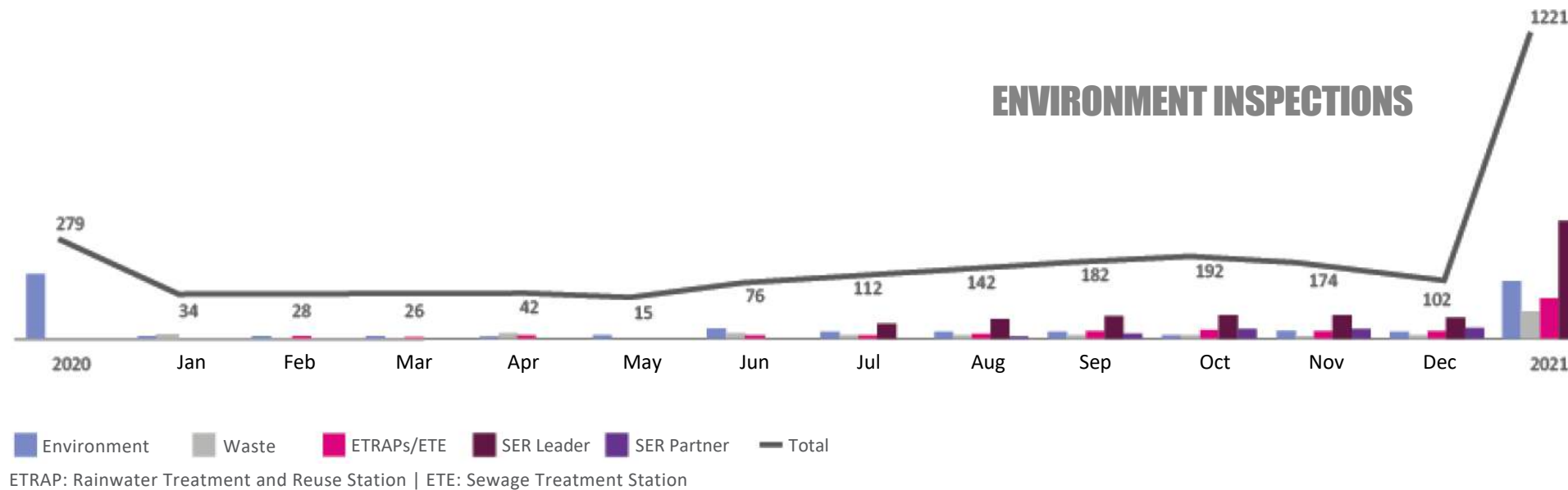
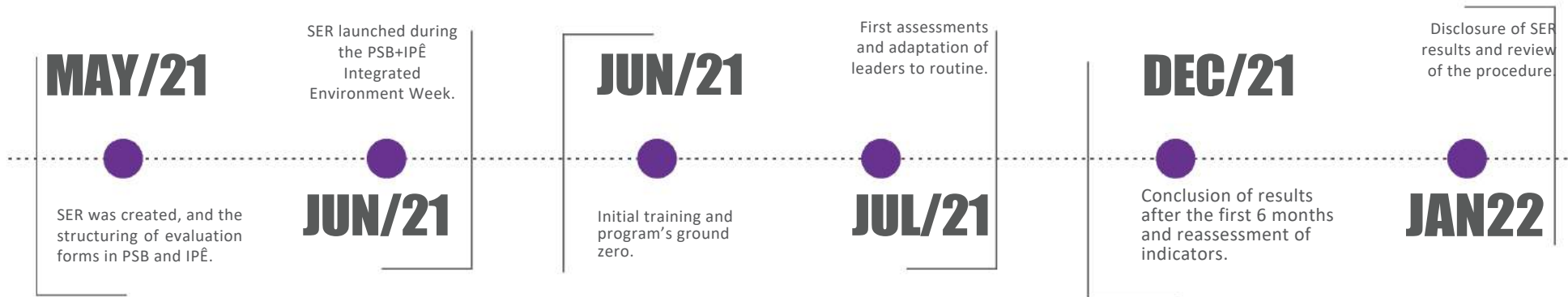
SER PROGRAM SUSTAINABILITY, BALANCE, AND RESPECT

In 2021, Porto Sudeste's Environmental Management System had a Program, SER (Sustainability, Balance and Respect), which is one of the pillars of the Sustainable Development Policy and responsible for strengthening the culture and routine, committed to highlighting day-to-day actions of the entire company in favor of sustainable development, balancing productivity and gains with respect for the environment, communities, legislation, internal procedures and our values.



The objective was to include employees in leadership positions and representatives of partner companies in environmental inspections. The result was a more than 400%

increase in inspections in 2021, which simultaneously expanded the identification of opportunities for improvement, creating records and dealing with identified risk situations.



**400%
INCREASE
IN INSPECTIONS
IN 2021**

**1,032
CHECKLISTS
EVALUATED**

Type of Record	2020	2021	% Var.
Mistake	1	8	700%
Information	120	43	-64%
Others	5	8	60%
Complaint	2	5	150%
Request	236	50	-79%
Total	364	114	-69%
WhatsApp			
Service	133	143	8%
Total w/ WhatsApp	497	257	-48%

Throughout 2021, the number of leaders assessed in the SER increased. Initially, only operational leaders were evaluated to adjust the assessment tools. Then, administrative leaders began to be assessed in mid-September. As of August, partner companies started being assessed as well.

Porto Sudeste has procedures for Communication, Participation and Stakeholder Consultation – through which criteria and strategies are defined to disseminate information about Porto Sudeste and the SGI (IMS, Integrated Management System) to internal and external target audiences.

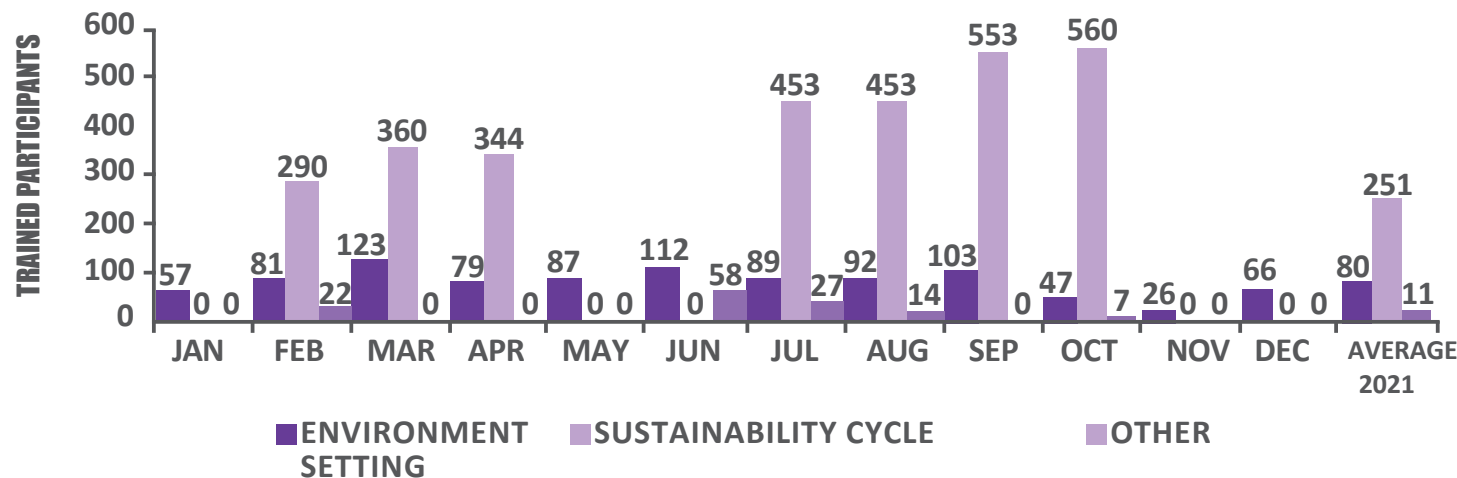
In addition, the contacts received by the 0800 Ombudsman Channel, including e-mail, telephone calls, interviews, and others, are recorded and managed in spreadsheets to guarantee better communication between the interested party and the organization.

TRAINING AND QUALIFICATION SECTION

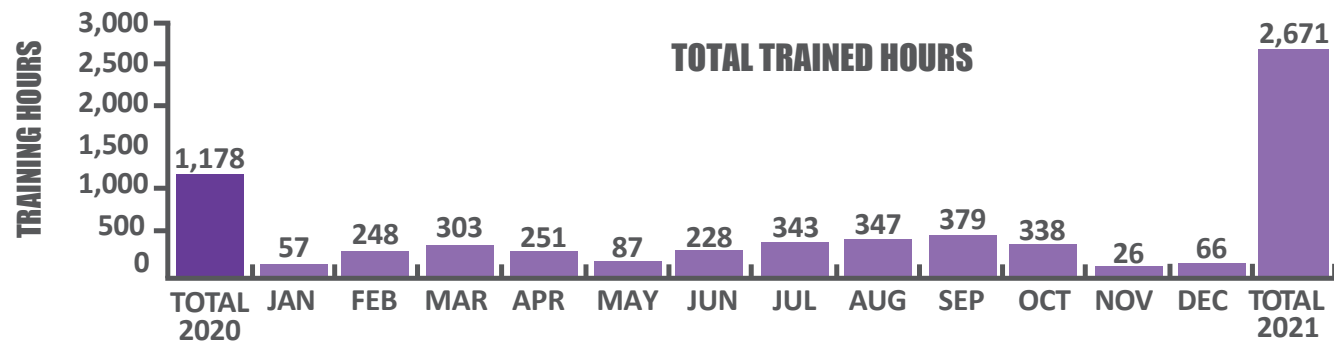
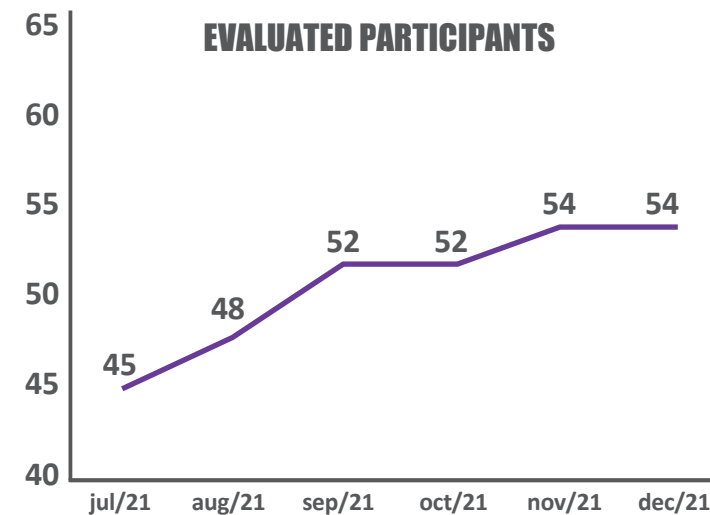
Upon implementation of SER, we recorded greater adherence to the Sustainability Cycle training (talks and seminars on environmentally relevant topics that provides information on how we can take better care of the environment) and,

in the first month, there was an increase of 32% compared to the last cycle before SER. Besides, there was a rise in the average number of participants compared to 2020. In 2021, a record number of participants in Environmental training was achieved.

ATTENDANCE TO TRAINING SESSIONS



EVALUATED PARTICIPANTS



140% INCREASE
IN TOTAL OF TRAINED HOURS
2020/2021

48% INCREASE
IN THE AVERAGE NUMBER OF PARTICIPANTS
2020/2021

36% INCREASE
OF THE INITIAL NUMBER OF COLLABORATORS ASSESSED IN SER

RECORD 560 PARTICIPANTS IN TRAINING

Even before SER was implemented, the PSB employees' inclination towards environmental improvements and volunteering was already evident. For this reason, in the creation of SER, monitored inspections, registration of improvement opportunities, sustainable and voluntary actions were considered bonuses, generating a percentage increase compared to the scores obtained in the Program's mandatory indicators. Throughout 2021, teams were highly engaged in bonus actions.

The plan for 2022 is to focus more on developing Administrative Leaders and Partner Companies routines. SER Training was introduced at the Leadership Academy in partnership with HR.

- Administrative Leadership: Leaders with no operational or administrative area under their responsibility;
- Operational Leadership: Leaders with an operational or administrative area under their responsibility.

ASSESSMENT OF ENVIRONMENTAL IMPACTS

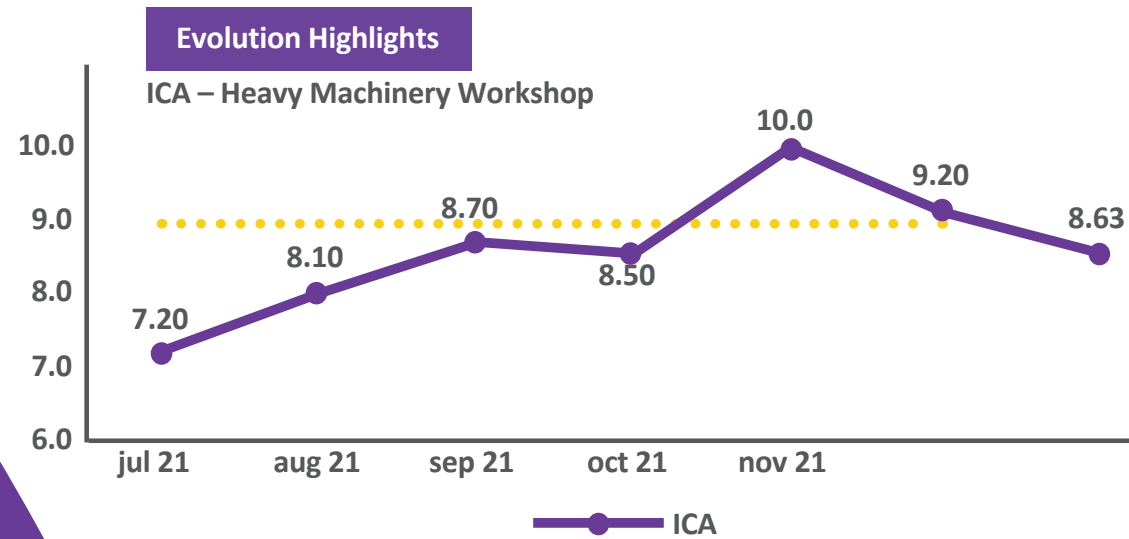
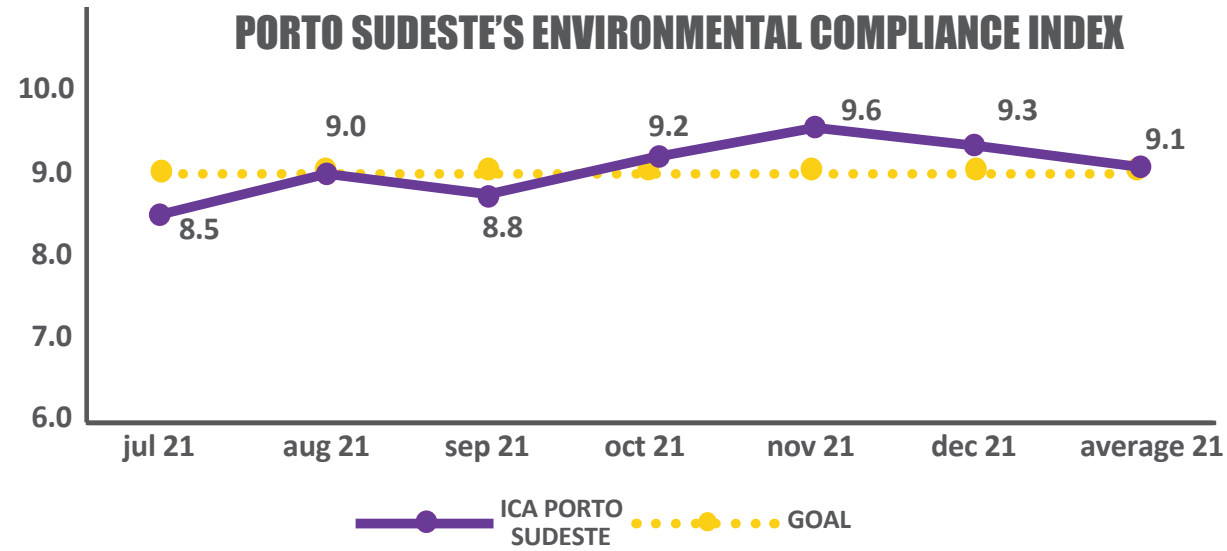
Routine inspections are carried out to assess the environmental aspects and impacts caused by the business, such as those listed below:

- Emission of Particulate Matter;
- Fuel and Chemical Storage;
- Waste Management;
- Cleaning, Organization and Drainage;
- Power Management;
- Leakage of Water and Effluent;
- Drinking Water Potability;
- Interactions with Domestic Fauna;
- Spillage of Ore and Effluents into the Sea;
- General Improvement Opportunities.

Furthermore, the Environment team carries out audits in the operational areas, generating an Area Compliance Index (ICA). In 2021, there was an increase in the average ICA in Porto Sudeste since the implementation of SER, emphasizing months with an audit and/or inspection.

The Environment team assesses the deviations indicated in the checklists and records cases of environmental emergencies. If the observed deviations are rated as non-compliances or if the occurrence of environmental incidents or near accidents, in addition to field operations and communications to applicable bodies, the due non-compliances are recorded. These are investigated to their root cause to define the action plan to remedy the situation, preventing further occurrences.

The same action can remedy more than one recorded deviation or non-compliance, which is why an assessment is carried out by the Environment team, responsible for defining actions that will be created and monitored. Previously through a spreadsheet, this control is currently carried out through an Environmental Portal, in which those responsible for the actions receive automatic alerts and can update the status and deadlines of the actions, contributing to the environmental improvement of Porto Sudeste.



From the 1,000 inspections carried out after the launch of SER, 1962 deviations were identified. All were checked and separated for “see and act” efforts (that is, deviations remedied immediately), duplicate deviations and those that resulted in more complex actions requiring a longer execution time.

In this way, 290 actions were created throughout 2021, corresponding to an increase of 209% since the implementation of the SER. There was also a 20% increase in

non-conformance reports (NCR) due to checklists, for which the entire process of investigating the root cause and drawing up an action plan is done to avoid recurrences. Moreover, due to greater and more effective communication between the operational teams and the Environment sector, there was also an increase in the recording of environmental occurrences, which allows them to be identified to prevent them from happening again.

1962
DESVIATIONS
POINTED

- Analysis of each Deviation by the evaluators
- * Generation of actions (without redundancies);
- * Deviations with “See and Act”
- * Absence of clear and objective description

290
ACTIONS
CONSOLIDATED
(After sectorial analysis)

209 %
INCREASE IN
ACTIONS
CREATED SINCE
JULY

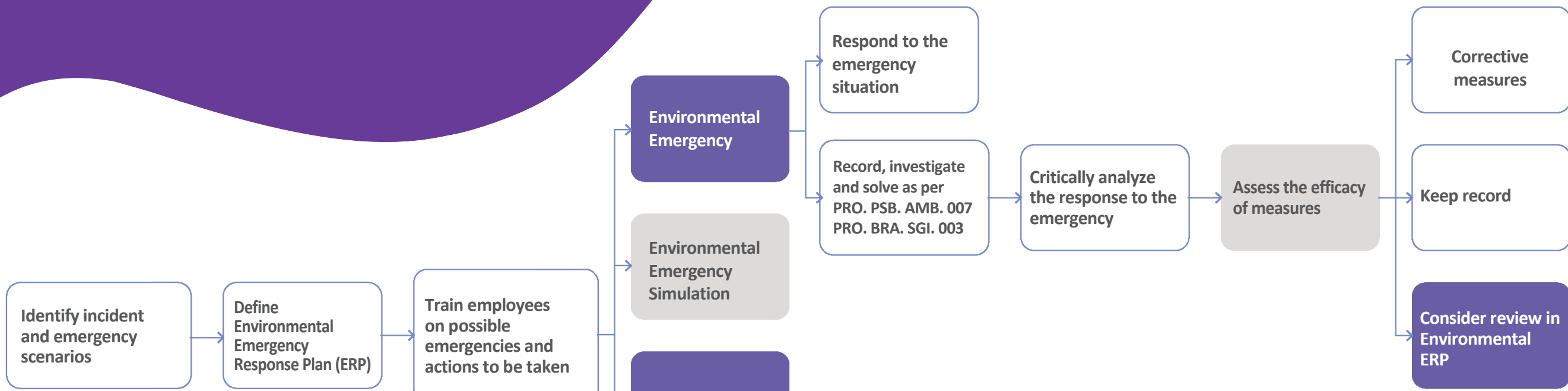
20 %
INCREASE IN
NCR OPENED AS
COMPARED TO 2020

Porto Sudeste surveys and assesses the aspects and impacts of its activities on the biotic and abiotic environments in its surroundings, considering both positive and negative aspects, as well as the operational controls used to ensure that negative impacts are minimized to acceptable levels.

To ensure a prompt response in case of environmental emergencies, Porto Sudeste has a specific internal procedure that defines the attributions and responsibilities

of the components of the Organizational Response Structure (EOR), the available resources and the response actions in case of occurrence of each one of the emergency scenarios defined through the assessment of the LAEI (Survey and Assessment of Environmental Aspects and Impacts) worksheet, minimizing the impacts that may occur.





According to the Porto Sudeste LAAI worksheet, we can highlight the environmental aspects that result in the most significant impacts on the environment, namely: consumption and generation of masks; ensuring legal compliance and operational environmental compliance; wastewater treatment; increased water availability for environmental controls; oil generation/lubricating oil packaging/hoses and grease; water consumption; consumption of wood and iron and leakage or spillage of petroleum derivatives, among others.

To minimize these impacts considered more severe, Porto Sudeste adopts some operational controls, such as the distribution of reusable masks; a proper waste management program; the operation's environmental management program, which ensures that applicable legal requirements and licensing conditions are met; field inspections to monitor the operational situation; water reuse; air quality monitoring; effluent treatment in ETRAPs and Emergency Response Plan, etc. Through the Environmental Programs, the results of PSB's activities are monitored on each of the already informed evaluated means.

ENVIRONMENTAL PROGRAMS

Within its Basic Environmental Plan (PBA), Porto Sudeste currently has 19 Environmental Programs, divided between Onshore and Offshore.

ONSHORE

Operation Environmental Management

Program: As part of the Corporate Affairs and Sustainability Board, Environmental Management is responsible for executing this program, carrying out daily control of the activities involving Porto Sudeste's operation. Thus, environmental inspections, monitoring of industrial water collection wells, activities to collect water for analysis, monitoring of all other environmental programs, and the assessment of environmental performance indicators are carried out. The information collected and monitored also helps in the continuous improvement of environmental performance.

Solid Waste Management Program:

We ensure that all solid waste generated in Porto Sudeste's operation receives appropriate treatment

and disposal. After separation, according to the selective collection, waste is preferably sent for recycling – when this is not possible, it is sent for treatment or final disposal in an appropriate place.

Effluent Management Program: We reuse rainwater in most of our industrial water systems. Therefore, we treat this rainwater in addition to the preliminary sewer treatment. Such effluents, as well as oily effluents, are sent for external treatment by licensed companies..

Air Quality and Meteorology Monitoring Program: To maintain air quality at Porto Sudeste, we strictly control ore dust emissions during operations. In addition to controlling, we assess air quality with six automatic and semi-automatic stations that monitor different types of pollutants by sampling the material in the air, besides mobile equipment, to closely monitor the effectiveness of our environmental controls.

Environmental Noise Monitoring Program

From our control of environmental noise levels, day and night, which are generated in our activities, we take control measures to mitigate noise emission, when the need is identified, ensuring compliance with laws and quality of life of the neighboring community.

Mangrove Monitoring Program:

We monitor the mangrove ecosystem located around Porto Sudeste, checking water and air quality, and monitoring the edge, fauna and flora, in addition to several studies to identify and mitigate any interferences of our operations with the environment.

Program for the Recovery of Degraded Mangrove Areas:

The recovery of the mangrove is one of the main objectives of Porto Sudeste – we have already replanted more than 11 hectares of mangrove in areas neighboring our company. In addition to planting, activities such as phenological survey, management of invasive exotic species, top dressing, monitoring, visitors' management and public use are also carried out.

Greenhouse Gases Inventory: Every year, we map our sources of greenhouse gases (GHG) to identify and quantify the emissions generated by Porto Sudeste's activities. This allows us to assess the impacts and provides us with information to apply our actions and mitigation strategies better to effectively contribute to reducing the global impacts of climate change.

Environmental Training and Awareness

Program: We work on two fronts to raise awareness about ecologically correct conduct. With the Sustainability Cycle, we hold talks and seminars on environmentally relevant topics, providing information so we can take better care of the environment. In the Environmental Minute, we use the weekly safety dialogue (DSS, diálogo semanal de segurança) format, which is less formal, to bring the Environment team closer to the operational teams, answering and encouraging questions, debates and participation in the continuous improvement of the sector.

SER Program – Sustainability, Balance, and Respect

Responsible for strengthening culture and routine, committed to highlighting day-to-day actions of the entire company in favor of sustainable development, balancing productivity and gains with respect for the environment, communities, legislation, internal procedures and our values.

Land Fauna Monitoring Program: We monitor the fauna species in Porto Sudeste's area of influence, analyzing changes in population dynamics, making records, biometrics and markings to ensure that our operations will not cause any negative impacts on nature.

OFFSHORE

Confined Disposal Facilities (CDF) Monitoring Program: We carry out several follow-ups to identify changes in variables that indicate the environmental quality of the water in the area surrounding the Confined Disposal Facilities (CDF). We carry out geophysical monitoring of particulate matter, the quality of water and

sediments and interstitial water, as well as the restocking of benthic organisms.

Bioaccumulation Monitoring Program: By monitoring the concentrations of the metals cadmium and zinc and the semi-metal arsenic in bioindicator organisms (oysters), we can gather relevant information on possible impacts of our operation, besides helping us to keep improving our environmental actions.

Water Quality Monitoring Program and MPS in AID and Bota-fora Sediment: Based on water and sediment collections, we monitor changes to variables that indicate environmental quality in the surroundings of Porto Sudeste and in the area where dredged material is disposed of. After laboratory analysis, we could assess the levels and environmental conditions of the sediment storage compartments.

Mooring Berth and Evolution Basin Monitoring Program: We monitor environmental changes in the area of the port terminal's mooring berth and evolution basin, following the general guidelines and minimum procedures for the evaluation of

the material to be dredged, as stipulated by the National Council of the Environment.

Aquatic Communities Monitoring Program: We keep monitoring and assessing possible changes in the aquatic biota – plankton and benthos – in the area of influence of the dredging operation and implementation of the maritime terminal. After analyses, we can identify and prevent possible physical and chemical changes in the sediment.

Underwater Noise Monitoring and Whale Watching Program: We study the level of sound intensity emitted during the passage, berthing, stay and unberthing of vessels, assessing possible impacts on the behavior of cetaceans present in the company's surroundings, ensuring maintenance of an adequate environment for their life.

Dredging Environmental Management

Program: Constant monitoring is carried out in the Mooring Berth and Evolution Basin Monitoring Program to monitor the quality of the sediment in these areas. When maintenance dredging is needed, management and monitoring aim to implement measures to mitigate and control environmental impacts, with monitoring of water quality, phytoplankton community, biomonitoring in the dredging area, characterization and monitoring of sediments, ecotoxicological study of sediments in the disposal area, fauna monitoring and management, noise monitoring in the dredging area and environmental education program.

Ballast Water Management: Ballast is needed for safety and balance when vessels aren't loaded with cargo. However, so that there are no environmental impacts resulting from the transport of water from one location to another, there are laws that determine how the exchange of ballast water on vessels should be carried out to avoid the transport of exotic organisms that affect the environment. Ballast water management aims to ensure that all relevant standards are followed so that there are no impacts on local fauna and flora.

In addition to the Recovery of Degraded Mangrove Areas Program, which is currently underway, with the planting of 11.4 hectares of mangroves in the Guaratiba Biological Reserve, Porto Sudeste has already recovered 106 hectares of dense rainforest in the Guandu River Environmental Protection Area and 31.5 hectares in the Piraí River basin, adding up to a total of 148.9 hectares recovered as a result of its environmental compensation.

CASE WATER REUSE

In 2021 alone, approximately 62% of the water in our industry was reused, a percentage corresponding to 93 million liters reused. At Porto Sudeste, water is the primary input in the application of environmental controls. Thus, processes such as sprinkling water, wetting roads, cleaning machines, and others are carried out to guarantee a cleaner operation, corroborating with a premise that guides the company from the beginning of its operations, which is to maintain a “sustainable footprint.”

For Porto Sudeste, the implementation of the industrial water reuse process is, to a large extent, primarily about the more responsible use of this resource that is so important for everyone, but also about a more economically viable action, the benefits of which can be felt in many aspects, starting with the guarantee of environmental sustainability.

Not without reason, one of Porto Sudeste's mottos is: “The health of our company depends on the health of our community.”

In 2015, when it began its operations, Porto Sudeste implemented a Rainwater Treatment and Reuse Station (ETRAP), which already laid the foundations for starting to reuse water. In 2016, there was still no work with indicators, which would only start in the following year, with the measurement of results and the consequent opportunity to disclose environmental gains to maximize them.



Since then, the company has started to measure the amount of water it puts for reuse, then implemented another water treatment and reuse station, intending to reuse all the rainwater that falls on the terminal. After primary treatment, all water resources were directed to the industrial water system, in equipment cleaning processes, for example, or directly to the sprinkler system.

From this measurement system, Porto Sudeste had the actual dimension of the high consumption of water used and the importance of reusing this resource better and more appropriately. It should be clarified that in the region of Itaguaí, during the rainy season, precipitation is enormous, whereas, consequently, in the dry season, there is little water. Thus, the management of these resources, considering the region's seasonality, ensures that the company always has this input for its operation, with the lowest possible consumption of new water. Since Porto Sudeste introduced measurement indicators and started

monitoring, a gradual increase in water reuse has been noticed. Consequently, it has been possible to identify opportunities for improvement to increase storage capacity and flow rates, maximizing reuse and reducing the consumption in specific processes.

In this regard, the perspective is always to work with bold goals that, after all, aim at reducing the consumption of new water and reaffirming the practice of reusing this resource throughout the company.

It is worth clarifying that the need for water for industrial use, which cannot be used in this reuse system, comes from grants from wells that have water suitable only for this form of use and cannot be used for drinking.

Thus, the use of potable water from the public service concessionaire – the only one shared with society – is done in a limited way and only for domestic purposes of the company's employees and not for the industrial activity carried out here. Currently,

there are three sources of water consumption by Porto Sudeste: from wells, from ETRAP's (reuse water), the latter strictly for industrial purposes, and from CEDAE (Rio de Janeiro State Water and Sewage Company) – used for potable purposes in bathrooms, for food and human consumption, among others, and may, in case of water scarcity, be used for industrial purposes. Porto Sudeste uses a lot of water in its processes, but in line with the company's Policy, the prioritization of water consumption is reused water from the ETRAPs, since, through them, there is a reduction of water pressure on the ecosystem.

“Our environmental controls are based on water use,” emphasizes Bernardo Castello, Environment manager at Porto Sudeste.

“To avoid dust emissions, the yards and ore piles must be constantly moistened with sprinkler guns, preventing it from going out of port. At the same time, access roads are wet, and machines, equipment and systems are cleaned and washed” he also explains.

The Corporate Affairs and Sustainability Officer at Porto Sudeste, Ulisses Oliveira, clarifies that the cargo transport system is automated by means of enclosed conveyor belts, which need to be well maintained and cleaned for their best use. "Materials attached to the belts and external systems may remain there and need to be cleaned so that there is no particulate emissions," he explains. "We have a legal obligation to avoid these particulate emissions, which is part of the air quality control we must maintain. The legislation requires a certain level, and we internally adopted an even lower level by spontaneous initiative, strictly following the ISO 14001 certification. Our demand is more restrictive, which makes us look after this aspect even more," he asserts.



STORAGE CAPACITY IN NUMBERS

11 thousand cubic meters
of rainwater

2 decantation basins
(one with **6 thousand** cubic meters, the other with **5 thousand** cubic meters)



THE RAINWATER

The material storage yards at Porto Sudeste are all surrounded by channels – everything is sent to the reuse system. In addition, the water that falls on the pier is collected and sent for treatment and collection.

The company also does not interrupt the natural water cycle since, during the rainy season, all the clean water that comes down from the hill does not come into contact with the ore and is not collected by Porto Sudeste. To ensure a cleaner operation, the project considers four relevant points: the possibility of water being contaminated, the reduction of water pressure, the health of employees and the community and the economy, with the maximum possible reuse of water.

“In addition to the large capacity operating system, the equipment and infrastructure, we have a complete management of these water resources. We use biodegradable polymers in the stacks and wet the tracks, which is done with water to form a layer/seal on top of the stacks and tracks and prevent dust from rising. This increases the efficiency of water consumption. Before, we had to use the water truck daily. However, with the polymer, we reduced this use by half”, points out Marina Paixão, Environment Analyst at Porto Sudeste.



CASE

BEDROCK DREDGING CASE

Innovative actions aimed at defending biodiversity and preserving marine life, flora and fauna have always been on Porto Sudeste's agenda.

In this sense, in 2021/2022, in a meticulous operation that lasted about 9 months, Porto Sudeste, together with its partner supplier, licensed and carried out the seabed rock demolition activity, through the cutting with diamond wire of a rock then located in the middle of the access channel to the Itaguaí Port Complex. The presence of this rock there represented a risk to navigation safety in the region and limited the operational draft for bulk carriers.

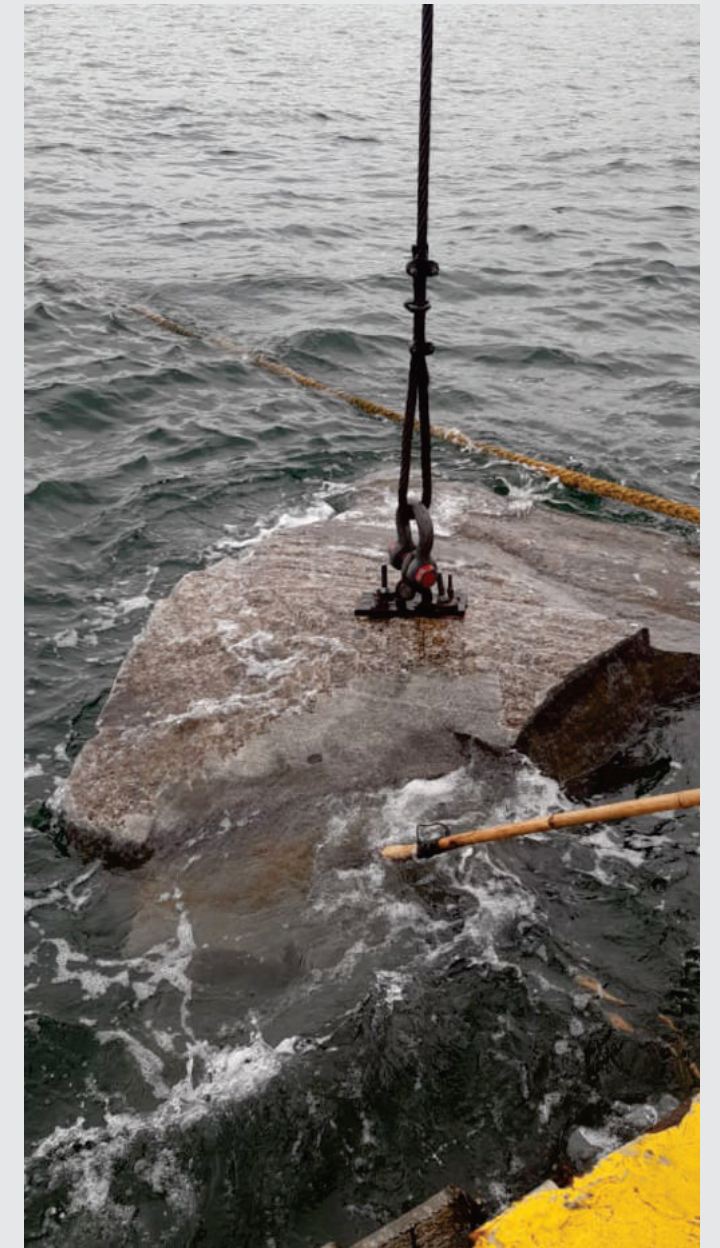
To better explain this whole story, we need to go back to 2008, when the main waterway

channel that gives access to the port of Itaguaí had been dredged to a depth of 20 meters. However, during the service, a rocky outcrop was discovered between buoys 5 and 6 of the channel, preventing the original planned 20m depth. This limitation generated an operational draft⁴ smaller than what was needed to guarantee the best safety for the vessels that travel there and a reduction in the operational capacity that the port terminals expected.

For many years there have been several attempts to remove this rock, operations naturally done with explosives, an action that is obviously capable of impacting biodiversity and modifying the environment, the local marine flora and fauna. In addition,

it is an expensive activity from a financial point of view, with a very costly licensing. An important detail: Sepetiba Bay is recognized worldwide as the birthplace of the gray dolphin and other marine species, which, therefore, was an additional difficulty for the removal of rocks from the seabed by the traditional route, such as the one mentioned above.

Since 2008, therefore, several ideas have emerged to try to remove the rock, but only ten years later, in 2018, a company from Espírito Santo presented Porto Sudeste with the idea that the cut could be done using a diamond wire – a common practice used in dry granite deposits, whose blocks are cut for sale and export.



⁴Operating draft is the vertical distance between the bottom of the keel and the vessel's waterline (technically speaking, the distance from the water depth to the ship's keel).

To give an idea, in an attempt to verify whether it was possible to take this technique underwater, a kind of initial test simulating the cut was carried out in a pool, a controlled environment and utterly different from what would be found. Porto Sudeste believed in and bought into this idea, then sought out inspection and licensing bodies to try to carry out this unprecedented action. However, at that time, it would be necessary to carry out another test, this time in an environment closer to reality, being, therefore, subject to meteoceanographic influences, such as tide, wind, sea current, salt water, and sea visibility, among other factors.

The company obtained authorization from the environmental agency to request the release of the Navy, with all the studies until then carried out by Porto Sudeste, which convinced the Maritime Authority for the test to be carried out outside the channel area, but in the Bay itself. The environmental agency informed that the test would mark out the requirements that the license would oblige for the execution of the activity.

Thus, the test was carried out on the eve of the start of the COVID-19 pandemic in March 2020, with complete success, reproducing exactly what the studies had already presented. Based on this test, the environmental agency prepared a report with the conditioning factors that Porto Sudeste had to comply with in order to carry out the rock removal activities. Furthermore, this entire procedure had to pass through the State Council for Environmental Control (CECA) scrutiny as proof that this innovative practice had a very low environmental impact.

After all the bureaucracy necessary for decisions of this size and 4 meetings with CECA, Porto Sudeste finally got the license. As conditioning factors for the execution of the project, there was the idea of taking the material from rocks and dumping it in the same macro-region to stimulate the renewal of marine life from this relocated material.

At that moment, the company started to have a project that, with possible negative consequences, ended up generating a positive impact with the creation of new lives, in addition to the importance of exponentially increasing the level of safety of the waterway channel for ships.

“

“Since the beginning of this rock removal process, we have demonstrated Porto Sudeste's concern with the preservation of marine life, flora and fauna. Therefore, we carried out an environmental feasibility study to analyze the possible impacts that could be generated, in addition to analyzing the best place to dispose of the rocks (with less environmental diversity, for example) and that, after being deposited, they could serve as a substrate for colonization

of new organisms improving the diversity in the place. In addition, observers were on board the vessels throughout the operation so that the activities would be stopped if they saw the dolphins. We will still monitor this site for another year to monitor this recolonization of biodiversity.”

Bernardo Castello,
Environment Manager

”

OTHER BENEFITS OF BEDROCK DREDGING

The increased depth of the channel will allow Porto Sudeste to receive larger ships, resulting in gains in scale in the logistics chain. Larger ships carry more cargo, needing fewer ships on the export route throughout the year. As environmental benefits, there is the lower consumption of marine fuel to transport cargo exported through the Sudeste Port, as well as the lower use and consumption of energy by our equipment.

It is also necessary to draw attention to how Porto Sudeste dealt with the media of the fact with the surrounding communities. Everything was done in a very transparent way, using accessible language and holding periodic meetings with residents' associations to discuss the possible impacts of the activity on the local population.

5 RELEVANT POINTS OF THE IMPACT OF BEDROCK DREDGING

- 1. Economic impact with the reduction of idleness on ships**
- 2. Reduction of environmental impacts on biodiversity and GHG emissions by increasing productivity**
- 3. Innovation generation (R&D)**
- 4. Engagement and cooperation of stakeholders (government, suppliers and community)**
- 5. Greater safety for navigation, the community and the environment**

CLIMATE CHANGE MANAGEMENT

Porto Sudeste carries out an annual inventory of its sources of greenhouse gases (GHG) and monitors it monthly since 2015 through the Climas software. In this survey, Scope 1, Scope 2 and Scope 3 emissions are accounted for, considering the following categories: stationary combustion; mobile combustion; fugitives; solid waste and liquid effluents; purchase of electricity; purchased goods and services; displacement of employees (home-worksite); other scope 3 emissions; waste generated in operations and business trips. According to Equator Principles III, the GHG inventory of Porto Sudeste is audited by an external company during the conformity assessment.

The GHG Emissions Inventory is prepared annually using calculation software that has a database with the most current emission factors available for each type of source – for example,

the Brazilian GHG Protocol Program and, when not available, they have internationally accepted references such as the GHG Protocol, IPCC, United States Environmental Protection Agency (US EPA) and United Kingdom Department for Environment, Food and Rural Affairs (DEFRA).

The variations between the years are affected by changes in operations, increased volume handled, and the inclusion of bulk unloading operations, such as pellets and coal. Fundamental changes in Scope 3 for 2020 and 2021 were the maturation of the landing operation and the interruption of the MHC3 crane powered by diesel in the operation, which significantly reduced fuel consumption.

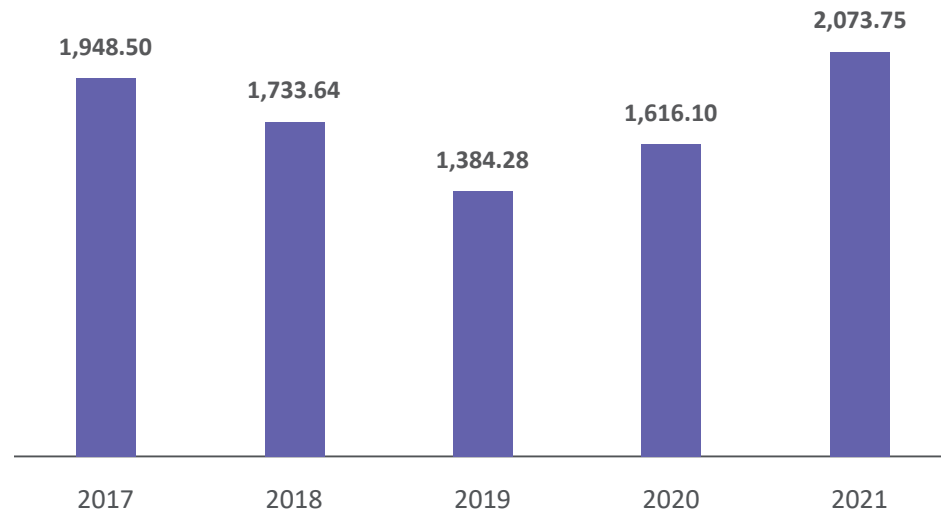
³MHC Crane: Mobile Harbour Crane - Mobile port crane - Consisting of a transport device with wheels for unrestricted movement in port areas. It has side stabilizers on the crane unit for loading and unloading goods to or from a ship.



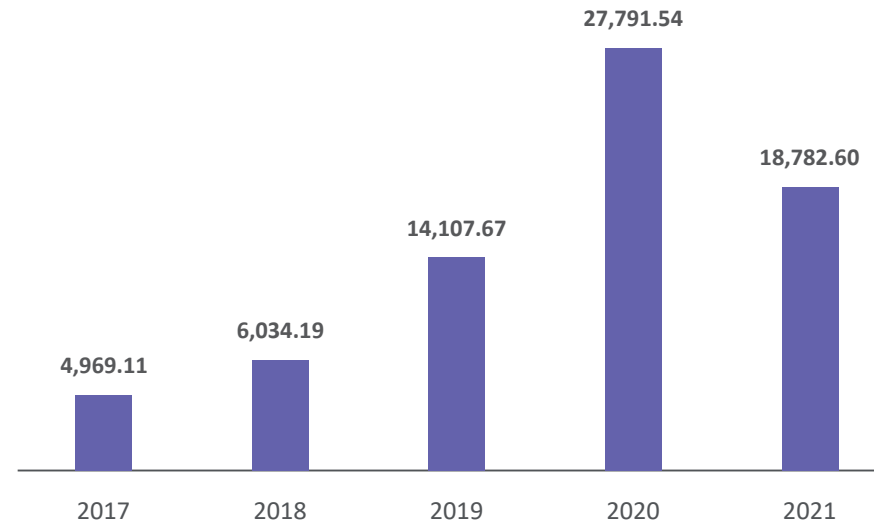
GREENHOUSE GAS EMISSIONS, BY SCOPES: FROM 2017 TO 2021

(tCO2e)	2017	2018	2019	2020	2021	Var% (2019/2020)	Var% (2020/2021)
Scope 1	1,948.50	1,733.64	1,384.28	1,616.10	2,073.75	16.7%	28.3%
Scope2	2,778.20	2,505.66	3,580.19	3,011.13	6,016.30	-15.9%	99.8%
Scope3	4,969.11	6,034.19	14,107.67	27,791.54	18,782.60	97.0%	-32.4%
Total	9,695.81	10,273.50	19,072.14	32,418.77	26,872.65	70.0%	-17.1%

Scope 1

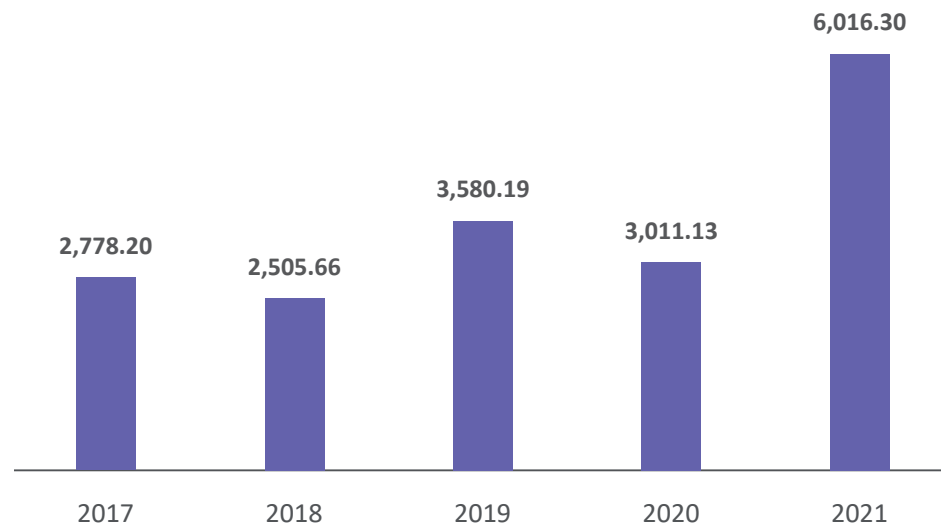


Scope 3

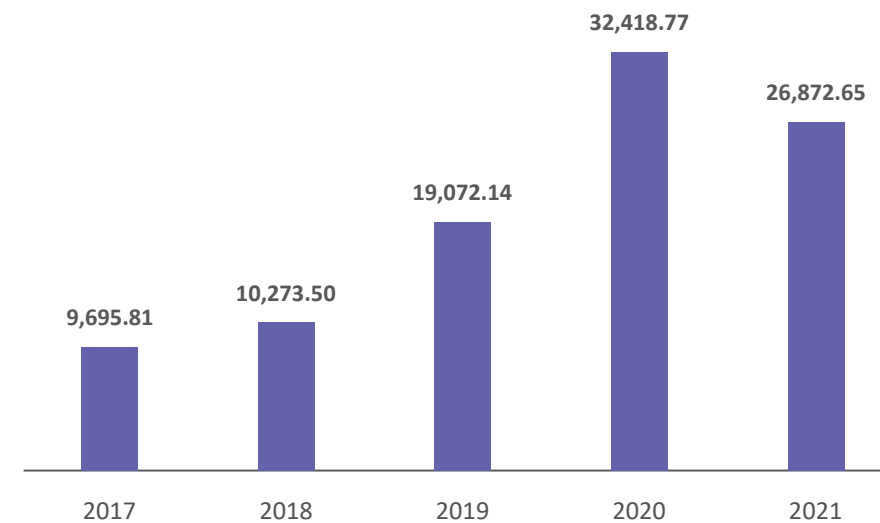


(tCO2e)	2021	Participation% over total
Scope3 1	2,073.75	7.7%
Scope3 2	6,016.30	22.4%
Scope3 3	18,782.60	69.9%
Total	26,872.65	

Scope 2

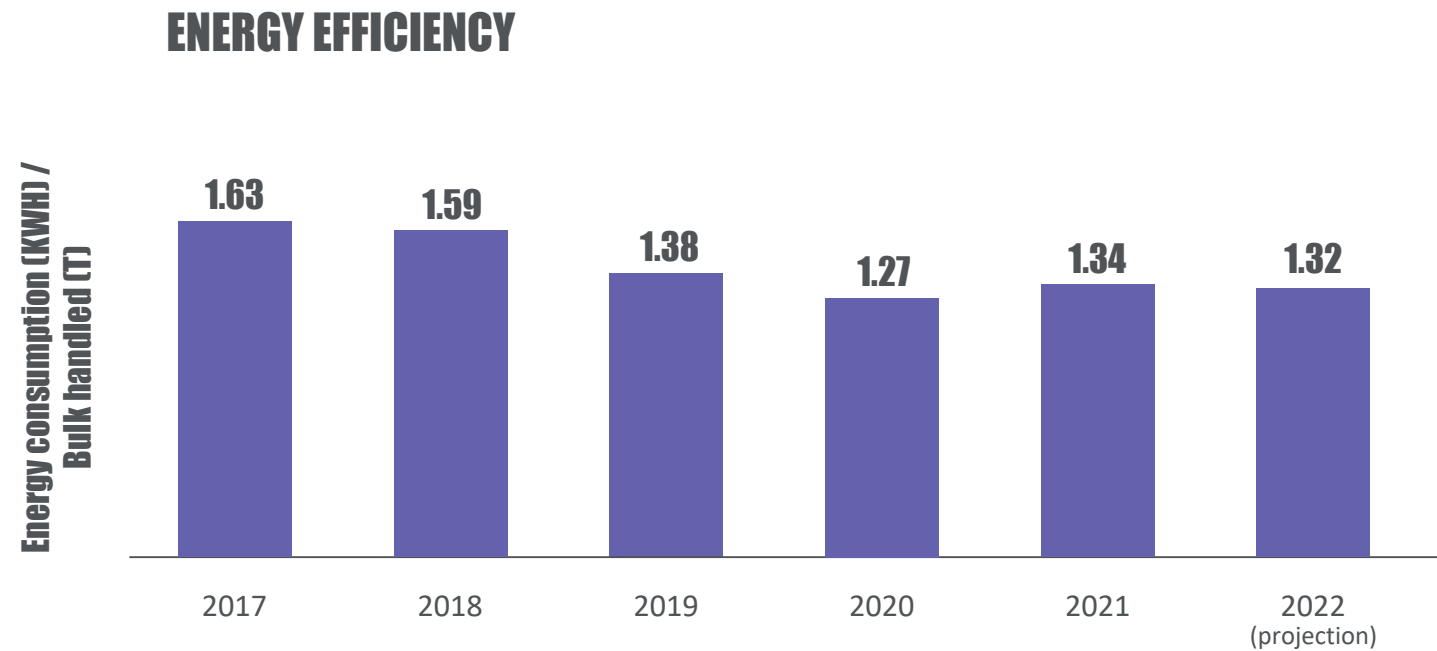


Total

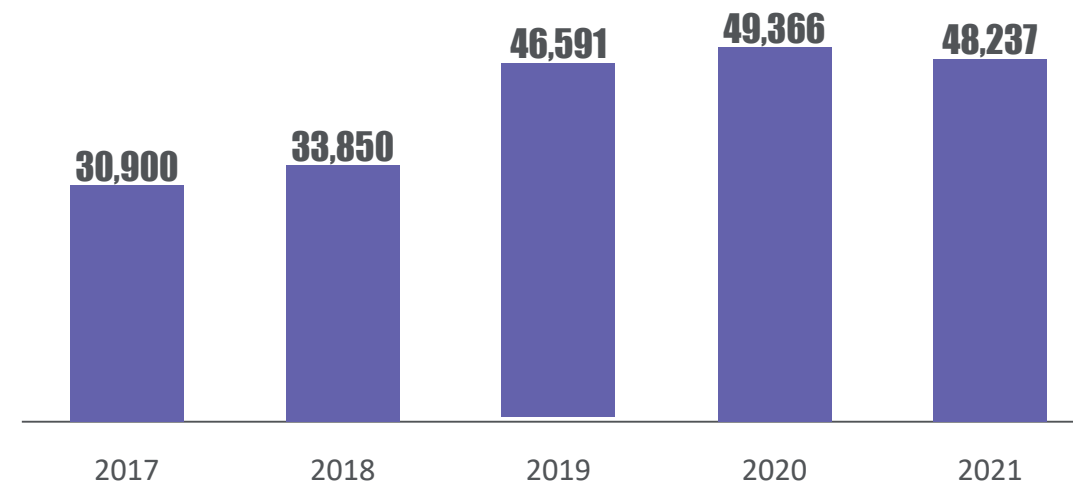


ENERGY EFFICIENCY

The energy used in Porto Sudeste is acquired through the free market and comes mainly from hydroelectric sources, according to the Brazilian national energy matrix. Occasionally, there is also equipment powered by solar energy, but in 2022 the cost-benefit of acquiring energy from solar sources or other more sustainable sources is being evaluated. So far, energy consumption and efficiency in use have been monitored and reported monthly, a calculation based on bulk handling, but without setting targets.



ENERGY CONSUMPTION (KWH)



#GREENZONE

In October 2021, the Trafigura Group's new #GreenZone energy efficiency campaign was launched to train and encourage all employees to save energy and support the Group in its goal of reducing GHG emissions. Trafigura has set a target to reduce our Scopes 1 and 2 GHG emissions by 30% by 2023. As Scope 2 emissions come from electricity use and, although we are making significant progress towards this target, it is estimated that we could reduce 5% of annual GHG emissions if enough people across the Group took low or no-cost daily actions. The campaign was created to turn these small actions into habits, so everyone can do their part.

Even before the launch of the #GreenZone Campaign, Porto Sudeste had already spoken about Greenhouse Gas (GHG) Emissions, in September 2021, in the Sustainability Cycle training, which dealt with Air Quality and the Greenhouse Effect,

in addition, how GHGs are classified and how we can control and reduce these emissions have been addressed. Moreover, Trafigura's reduction target was presented to reinforce the importance of attention to this topic.

30% Reduction of GHG emissions in Scopes 1 and 2 by 2023

THINK OF EFFICIENCY.
#GreenZone

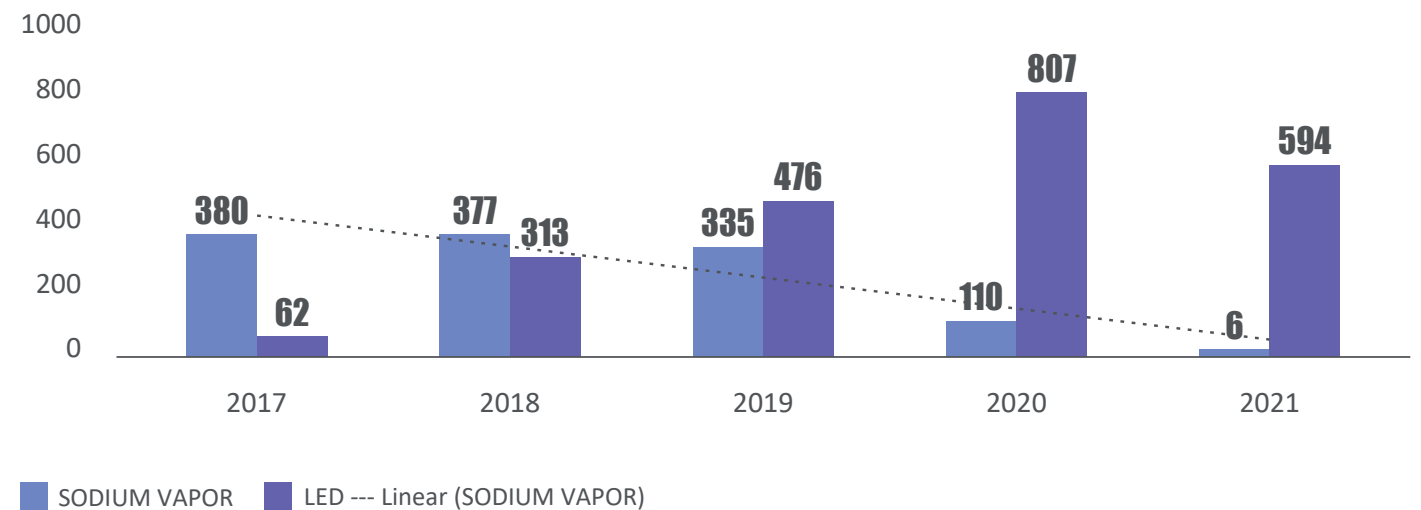
In November, after the launch of the #GreenZone Campaign, a round of presentations was held for different groups of employees, sharing the principles of the campaign with the distribution of stickers on equipment and vehicles. Thus, we set ground zero for future engagement initiatives. Since then, all GHG emission reduction initiatives have been branded with the #GreenZone logo to remind everyone of our commitment. Likewise, we carried out a plan for 2022, including training, online talks, an Environment Week dedicated to the theme, thematic events on commemorative dates of the year, monitoring of indicators and sharing lessons learned by the teams.



The lighting in Porto Sudeste's operational areas was mainly carried out using sodium vapor lamps. Continuous replacement with

LED lamps and spotlights, in addition to reducing energy consumption, also provides better dimming and safety at night.

PURCHASE OF LAMPS AND REFLECTORS



MANAGEMENT OF RELATIONSHIPS WITH COMMUNITIES

- More than 35 social projects and environmental programs
- 60 people are assisted free of charge – EQUINOTHERAPY
- Planting of more than 200,000 Atlantic Forest tree seedlings
- More than 1,000 participants in the Cycles of Social, Environmental and Health Dialogues for the local community, involving issues related to the environment, Education and Health.
- Donation of inputs, in the total amount of BRL 214,158.70, to help promote vaccine access for all.
- During the project's implementation, 3,900 new direct and indirect jobs (generated by activities supporting the project's implementation) were offered to the community.

COMMUNITY ENGAGEMENT

Porto Sudeste has a great responsibility towards the community and values a good relationship through initiatives to help it, as well as the people around us. This is an important mission for us.

SOCIAL COMMUNICATION PROGRAM

The purpose of this Program is to guarantee and maintain dialogue between Porto Sudeste and the parties impacted, directly or indirectly, by its activities. We aim to build durable and reliable social relationships, through communication

strategies for clarification and transparency of information, fostering the positive aspects and mitigating the adverse impacts of the enterprise.

The specific objectives of this Program are:

- Maintaining communication channels that properly inform the population;
- Identifying strategic interlocutors, clarifying doubts and demands;
- Previously detecting disturbances and interference in the routine of communities;
- Preventing hypotheses of conflicts: raising difficulties in relations between the company and the social groups involved;
- Supporting the programs that make up the Basic Environmental Plan (PBA), promoting information, routines, procedures and

guiding communities on access to services or benefits resulting from environmental programs; and

- Raising potentialities in community relations and planning communication actions that can take advantage of them.

We have some programs to get even closer to the community:

Visitor Program: it is a voluntary effort to strengthen the relationship with the most diverse audiences, allowing the community to visit and learn about Porto Sudeste's operations.

Media Monitoring: Monitoring possible media that can be published about Porto Sudeste to identify elements of the image that the company builds, as well as the impact of external activities and partnerships.

Aproximar Newspaper (Jornal Aproximar): The main objective of this dialogue tool is to transform it into a collective community construction, being thoroughly planned and developed by the community.

Social Responsibility Exhibition: It is an annual event to value and publicize the existing services, programs and projects in the social area of Porto Sudeste, developed in the municipalities of Itaguaí and Mangaratiba.

Good Practice Actions: Daily Safety Dialogues - DDS; Vaccination Campaign for Port Workers; United for the Vaccine Campaign (Campanha Unidos pela Vacina): Donation of Inputs to the Municipal Health Secretariats; Integrated Dialog Cycle; Cycle of Social Dialogues; Monitoring and Evaluation (of activities carried out by PBA Social); Cargo double banking; Project Awakening 2021 (Projeto Despertar 2021); Articulation with the Institutions of the Sepetiba Basin; Voluntary Sponsorship Action for Children's Day; Delivery of Food Staples Baskets; Solidarity Christmas (Natal Solidário) Volunteer Action; Disclosure of the Sustainable Development Policy; Solidarity Handkerchief Campaign (Campanha Lenço Solidário).

PROCEDURE FOR STAKEHOLDER MAPPING AND ENGAGEMENT

The Mapping and Engagement of Stakeholders (Stakeholders Matrix) identify the main actors against or in favor of the company. These actors can mobilize their own or collective resources to interfere in the progress of projects linked to the company.

The Matrix also includes the mapping of the stakeholder relationship network, which provides:

- Understanding of the relative power of local and regional actors;
- Identification of which actors are most capable of exerting influence over others;
- Identification of actors with greater capillarity;
- Identification of actors who have more trust in the community;

- Identification of strategic actors for Porto Sudeste do Brasil;
- Identification of strategic actors for local development;
- Definition of information flow and who can effectively disseminate knowledge.

The Social Communication Program complies with SDG 17 - "Partnerships for the Goals," which deals with strengthening the means of implementing and revitalizing partnerships for sustainable development.

With this, by mapping local demands with the community, public authorities and other actors, it can contribute to strengthening partnerships within the scope of the direct and indirect impact area so that sustainable development policies are increasingly efficient and effective in the region.

PROCEDURE FOR DEALING WITH CONFLICTS OR DISAGREEMENTS

Porto Sudeste has different communication channels to identify potential conflicts or disagreements with its stakeholders, with emphasis on the following:

- Direct and indirect employees: Ethics Line- Registered on a specific platform and managed by an independent external company, under a confidentiality agreement.
- All reports received are verified under the supervision of shareholders, through the Audit, Risks and Compliance Committee - ARCC.
- Other Stakeholders: 0800 Ombudsman Channel, WhatsApp Line, E-mail, Individual assistance, Informative Meetings, Stakeholder Interviews, Seminars, Visitors' Program. These channels are used to identify conflicts or disagreements and are registered individually under the name Social Responsibility Register (*Registro de Responsabilidade Social*) and consolidated by the system itself for the necessary dealings.

CASE

REUSE OF UNIFORMS

In 2018, uniforms used by employees, but already in poor condition, accumulated in the Porto Sudeste warehouse, whose concern at that time was to find a destination for all that material, so that disposal would not cause an impact on the environment.

Instead of simply discarding the uniforms in a landfill – which seemed the most immediate solution, the Social Responsibility sector at Porto Sudeste took an attitude that, at that moment, ratified the commitment and respect that the company has had for sustainability since the beginning of its operations in 2015, an action that was even able to contribute to changing the lives of dozens of people.

Porto Sudeste established a partnership with Rede ASTA. This social enterprise stimulates the artisanal economy by transforming disposable waste into new products, creating conditions for the artisans to become entrepreneurs.

“We were already familiar with ASTA's work with FARM, which monthly donated scraps left over from cutting the clothes so that the artisans could produce new products, such as bags and key chains. It was then that we had the idea of presenting ASTA with our uniforms that were no longer in use and turning them into backpacks”, says Carla Matos, Social Responsibility coordinator at Porto Sudeste.

From then on, Rede ASTA activated the artisans in its network and with whom it had already worked to develop the service. Upon realizing the dimension of the teamwork of those women, Porto Sudeste's Social Responsibility sector had the idea of developing similar work with the artisans of Itaguaí. “We realized that it could also be an instrument for generating work and income for the artisans in our municipality,” adds Carla. Thus, Porto Sudeste made a contract with Rede ASTA to implement its own work methodology in the region's training and qualification of artisans.



In 2019, Porto Sudeste implemented, in partnership with Rede ASTA, the Escola de Negócios das Artesãs, which aimed at transforming these workers into entrepreneurs with the development of a job with a more professional look, seeking to build a more economically viable business.

It created conditions for the artisans to determine how to measure their own labor demand and price the products they manufactured. In summary, these professionals come to understand what they need to put into practice in order to be able to make a living from their own art.

“ This project brought us the vision that we could do more; it added even more to what I already knew. It brought new things and techniques and opened up a range of opportunities. And Porto Sudeste, from the very beginning, has been with us, accompanying us and opening up a new field of work for us.
LUCIENE NICOMEDES,
Artisan at Rede Asta Itaguaí ”

“ Since the Porto Sudeste project came along, I can say that there has been a new life for all of us because we have constantly been working. The work never stops. Porto Sudeste confirmed that this was what I wanted for my life.
LUCIENE NICOMEDES,
Artisan at Rede Asta Itaguaí ”

“ The project for me was spectacular. It was a watershed in my life because, from it, I could add more knowledge to what I already knew, as it brought new things: I learned about pricing, design, things that I had no vision about.
ZÉLIA LAMEU,
Artisan at Rede Asta Itaguaí ”

“ There were six months of training course, in which we learned about entrepreneurship, design, production of parts and sales mentoring. Hence came the new vision we gained. It wasn't just about crafts per se; we learned how to make a job out of it and generate income. When you produce, you are just a producer. When he starts selling the product, he is no longer just a producer and becomes an entrepreneur.
LUCIENE NICOMEDES,
Artisan at Rede Asta Itaguaí ”

CIRCUIT OF ARTISANS (Circuito das Artesãs)

Another action of this partnership with Rede ASTA taken over by Porto Sudeste was the so-called Circuit of Artisans, this one with a bias more aimed at providing

psychological support to these workers, since some artisans who had been victims of domestic violence and/or who made a living from handicrafts as a way to supplement the family income.

Afterward, Porto Sudeste began to dialogue with Rede ASTA in order to find another job capable of supporting and sustaining the activities of the artisans. That's when the idea of sponsoring the making of reusable masks came up. It is worth remembering that at the beginning of the pandemic, many artisans even carried out the activities in a community way. Still, later, Porto Sudeste donated five machines so that they could work from home. In addition, the company also bought the masks made by the artisans and donated them to vulnerable communities, along with food staples baskets.

“There were six months of training course, in which we learned about entrepreneurship, design, production of parts and sales mentoring. Hence came the new vision we gained. It wasn't just about crafts per se; we learned how to make a job out of it and generate income. When you produce, you are just a producer. When he starts selling the product, he is no longer just a producer and becomes an entrepreneur.

LUCIENE NICOMEDES

The results of the Business School were a success among the artisans of Itaguaí, who began to explore other markets, going beyond the knowledge acquired, work that, however, was interrupted with the arrival of the COVID-19 pandemic.

“We had the intention of, in a second phase, working with a kind of incubator among the artisans, but, unfortunately, the pandemic disrupted the business, but we still persisted in finding another way to carry out that activity,” Carla recalls.

“Our group produced more or less 35,000 masks for three companies, including the ones we made for Porto Sudeste. It was a fantastic project that helped us immensely in a very complicated moment, the pandemic. If this work hadn't appeared, many of us would be on the poverty line, without exaggeration, because some people make their living entirely from handicrafts. So, it was a genuinely huge project for all of us.

LUCIENE NICOMEDES

Important Figures:

-Porto Sudeste **donated 17,000 fabric masks;**
-Donation of more than **2,000 food staples baskets**
and kits with hygiene products for communities in
social vulnerability situations in Itaguaí and Mangaratiba.

“

It is important to emphasize that the pandemic was not the cause of our effort; it transformed the effort, as this is a process we have been working on since 2017, and that is in line with our development as a company and as a Social Responsibility sector. So, this process was evolving as we gained maturity within the company and our area of impact and influence. It all started with the need to recycle old uniforms, get to know the artisans' community, provide them with inputs, do emotional support work, help build a community that generates income,

a support program and business education so that they can professionalize. Then the pandemic transformed all of that. The logical sequence of the program would be Marketplace training (electronic commerce). However, given the conditions generated by the pandemic, we ended up making masks. This action indeed had a more assistance character, but it was something that the moment asked for.

ULISSES OLIVEIRA,
Corporate Affairs and Sustainability
Officer at Porto Sudeste

”

NEAR HOME (Pertinho de Casa)

Currently, in partnership with Rede ASTA, Porto Sudeste facilitated the “**Pertinho de Casa**” movement, a strategy with systemic impact that was born during the pandemic, to stimulate artisans, but also any and all entrepreneurs. The proposal was to broaden the look and initiate actions for all small entrepreneurs who work in the regions where they live by creating an online platform, an app that could connect those who sell to those who intend to buy products.

“

We have to be open to all possible horizons, and “**Pertinho de Casa**” is just that: it opened horizons and enabled us to work not only at fairs but also at home and in other places. We learned to do business. This Porto Sudeste project was very important for me and everyone in the region. It was possible to generate work and income, which positively impacted life and the community as a whole.

CRISTIANE SERAFIN

”

“

With ‘**Pertinho de Casa**,’ we can cry and smile; we have support and friendship. All this affection lessens the pains of our life. We become each other's nursing arms and shoulders to cry on
ZÉLIA LAMEU

”

“

On behalf of all of us, I would like to thank Porto Sudeste. There is a great feeling of gratitude toward Porto and Rede Asta for our personal and professional development
LUCIENE NICOMEDES

”

Porto Sudeste was in charge of identifying people within its community who could map out local entrepreneurs. The idea is that the Project be encouraged for two years until, from then on, these entrepreneurs can walk on their own feet.



SOCIAL PROJECTS

Among the set of beliefs and principles that guide the work developed by us at Porto Sudeste do Brasil and that are part of our essential values, we highlight the respect for life, socioenvironmental commitment, collaboration and empathy, as well as the feeling of ownership and integrity.

These values reflect everything we believe in, defend, and align with how we intend to be perceived by the surrounding community and society in general.

Therefore, social responsibility is relevant for us at Porto Sudeste do Brasil, as we attach significant importance to how we invest and relate to neighboring communities. In addition, our social work is not limited to complying with legal obligations provided for in labor or environmental legislation; they extend to effective action in the environment of which we are a part. Porto Sudeste do Brasil believes in and invests in the people who work and live in Itaguaí Itaguaí and its surroundings.

Therefore, it carries out more than 35 social projects and environmental programs, with actions that strengthen artisanal fishing, qualify the workforce, and generate work and income. Such actions are developed by respecting the environment, acting with social responsibility, and contributing to the socioeconomic development of these regions.

One of the company's voluntary projects in the region is EQUINOTHERAPY, designed to assist people with disabilities. The rehabilitation method uses contact with horses as a treatment involving health, education, and horseback riding areas. Each month, 60 people are assisted free of charge by this project, which is carried out in partnership with the municipal government of Itaguaí.

Porto Sudeste also develops reforestation projects in several locations. One of them is the PROJETO CULTIVAR (Grow Project), seeking to recover the riparian forests of the Guandu River, which supplies 80% of the state's metropolitan region and has the largest water treatment plant in the world. Over five thousand students from Itaguaí,

Mangaratiba, Queimados, and Rio de Janeiro participated in the planting of more than 200,000 tree seedlings from the Atlantic Forest, including endangered species such as Palmito-Juçara, Jequitibá, Jacarandá and Pau-Brasil.

OTHER IMPORTANT PROJECTS

PROJETO HORTA ESCOLA (School Garden Project): an Environmental Education tool that interrelates the environment and health, encouraging the absorption of knowledge, values, skills, and experiences that promote changes in students' attitudes in the final years of elementary school. In addition, we created the Rede de Multiplicadores (Network of Multipliers), a group of students from the teaching unit that disseminates knowledge in environmental education to other students.

PROJETO TRANSFORMAR (Change Project): created in interface with the Social Communication Program to promote reflection on local environmental issues and their interface with Porto Sudeste do Brasil.

Through this project, students make musical instruments with waste material collected from Porto Sudeste do Brasil.

PROJETO SEMEAR (Sow Project): seeks to raise awareness of the importance of using native trees to afforest degraded areas or those of high environmental fragility.

In the first edition of Projeto Semear, Porto Sudeste do Brasil employees acted on Brazilian National Tree Day (September 21) in Parque Estadual Cunhambebe-PEC. Seventy native trees from the Atlantic Forest were planted in an event that brought together 68 people.

PROJETO HORTA EM CASA (Home Garden Project): PSB's social responsibility area is always open to meet the demands of the municipality of Itaguaí. In this perspective, a leader from the Vila Margarida neighborhood requested a project to motivate young people and children who attended an evangelical church in the region to have "ecologically correct" attitudes.

That is how the idea of making "mini vegetable gardens" came about, which could serve the public that did not have enough space to grow a larger vegetable garden, and sensitize participants to develop sustainable and ecological habits.

EDUCOMMUNICATION WORKSHOPS: By interfacing with the Social Communication Program, mapping stakeholders, and interviewing one of the members of Projeto Orquestra Jovem de Itaguaí (Itaguaí Youth Orchestra Project), we diagnosed a demand to carry out activities aimed at the community, especially children and the youth. In this way, we proposed that the Environmental Education Cycle could be an activity offered to young people and children enrolled in the project mentioned. Thus, three Cycles of Environmental Education Talks were held for the local community, all involving issues related to the environment, education and health.

DONATION OF SUPPLIES TO MANGARATIBA AND ITAGUAÍ MUNICIPALITIES: On June 17, 2021, Porto Sudeste do Brasil entered a term of personal property donation to the Health Department of Mangaratiba and Itaguaí. That was mainly due to the Declaration of Public Health Emergency of International Concern (PHEIC), given by the World Health Organization (WHO), due to

the COVID-19 pandemic. This decision reflected Porto Sudeste do Brasil's care and stance on social responsibility, taking effect through the donation of inputs, in the total amount of BRL 214,158.70 to promote access to the vaccine for all and for free, demonstrating the importance of the civil society's support in the effort to combat said disease through vaccination

PROJETO CAPACITAR (Capacitation Project): Capacitar is a social responsibility project created and developed by Motrix's Marketing and Social Dialogue area. It includes carrying out actions to promote people, around courses organized to train young people and adults in nautical functions and various sea-related matters, or carrying out social actions according to the demands of maritime communities.

Capacitar was designed exclusively for Porto Sudeste during the company's installation period. It played a relational role with communities and artisanal fishing associations in Sepetiba Bay.

ARTISANAL FISHING SOCIAL INVESTMENT

PLAN: This plan was adopted as the primary measure of social compensation associated with the environmental licensing of the first construction phase of Porto Sudeste do Brasil. Carried out by the Dialog Consultoria team, which worked with the fishing communities of Sepetiba Bay, the Investment Plan provided advice on the preparation of projects and monitored their execution for approximately two years. The Artisanal Fishing Social Investment Plan included, in the end, the development of projects with 11 different entities.

In the 2nd phase of the Artisanal Fishing and Aquaculture Social Investment Plan – PISPA, the Porto Sudeste do Brasil team followed up and monitored 16 projects with fishing entities in the region of Sepetiba Bay. We observed the process of social change in fishing communities and how they organized themselves to become beneficiaries of compensation resources. At the end of the two investment phases, 27 projects aimed at developing the Fishing Productive Chain in the Sepetiba Bay Region were monitored.

LOCAL WORKFORCE HIRING PROGRAM

Seeking to enhance the positive impacts caused by PORTO SUDESTE DO BRASIL S.A. operation in the region of Itaguaí and Mangaratiba, the company acts to hire and qualify local workers. During the implementation of the company, 3,900 new direct and indirect jobs (generated by activities supporting the implementation) were offered to the community.

The central idea of the Local Workforce Hiring Program is to use the largest number of local workers in the company's operation.

In addition, Porto Sudeste carries out the Professional Qualification Program – PROQUALI, in partnership with SENAI/Itaguaí and the Despertar Project.

Professional Qualification Program -

PROQUALI: it seeks to provide communities and residents of regions close to the company with free training courses, preparing the local workforce for the company's demands in its various phases, thus stimulating the sociocultural development of the regions where it operates. This ensures that the company's development takes place fully and efficiently, prioritizing the employment of local workers.

Projeto Despertar (Awakening Project):

This project aims to awaken its participants, especially young people from the Municipality of Itaguaí, to the most diverse possibilities of existing, breaking inequalities and resuming the charm of life through vocational, professional, and life mentoring. More than collaborating with labor market insertion, it seeks to enhance the meaning of life for each participant.

PROQUALI ACTIONS

1) LIVE STREAMS

Life Paths:

The collaborator or guest will report on their life path and all the challenges they faced to get where they are.

3) WHATSAPP GROUP

The exclusive group will be an extension of the live streams and workshops. In it, a space for interaction between the participants and the team will be built in which perceptions, questions and suggestions can be shared.

2) WORKSHOPS

Labor market insertion workshops:

The objective of the workshops is to teach participants to be more adherent to the selection processes.

- 1 – Résumé elaboration
- 2- Creating a profile on LinkedIn
- 3 – Job search websites
- 4 – Résumé, memorials, and cover letter

4) DIALOGUE CYCLES

It is an interactive activity integrated with the other PBA Social programs in Porto Sudeste, in which topics on human rights, the 17 UN SDGs, health and the environment are discussed with participants

4 QUALITY EDUCATION



8 DECENT WORK AND ECONOMIC GROWTH



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



PROJETO GERANDO FALCÕES (Generating Falcons Project)

Through active teaching, learning, and the use of technology, Gerando Falcões is developing children, young people, educators, and leaders to break the cycle of intellectual, emotional, and technical poverty. Porto Sudeste do Brasil established a partnership with the institution to bring the transformation tools applied by the NGO to the municipality of Itaguaí. In 2021, a local leader joined Falcons University (a University from and for the favela), the mind behind the teaching methodology of all educational fronts at Gerando Falcões. The NGO works on the 10 pillars of the BNCC (Common Core National Curriculum), with the development of socio-emotional skills as its central pillar. In 2022, Porto Sudeste will monitor the excellent results expected for this project.



VIEW TOWARD THE FUTURE



Porto Sudeste's commitment to sustainability goes beyond mitigating socioenvironmental and governance risks that may financially impact the business. It is a purposeful and legitimate concern to generate positive impacts – or to reduce the negative impacts if the other is not possible – for the company, the environment, the employees and, consequently, its shareholders.

As a conscious and responsible company, the mission to position itself as a reference in sustainability, not only for the sector, brings us the perception that although we are already on the right path, there is still much to be done.

Identifying some Sustainability Challenges for the port sector and seeking to understand how Porto Sudeste is addressing them was a crucial initial step toward building a more structured and targeted perception of the company's ESG management.

But it is critical to go further, and through a robust **Strategic Materiality** process, to raise, in a detailed and in-depth manner,

those priority themes for Porto Sudeste and how such themes are being treated in the company's management and the relationship with its stakeholders. This process is already on the radar and will become part of the ESG commitments for the next cycle.

This report previews this strategic vision on ESG issues and summarizes how Porto Sudeste addresses them. Here are some highlights:

RELATIONSHIP WITH EMPLOYEES

The previous sectorial study, in the chapter “Sustainability and the Sector” on page 6, discussed Occupational Health and Safety. It is possible to expand this debate to a broader relationship with employees, which proves to be a solid pillar in Porto Sudeste's management. Proactive action plans, mainly guided by consistent guidelines of the Sustainability Policy, show consistent gains concerning the low rate of work accidents, as well as the high engagement of employees in training and the efficiency of

relevant operational processes. Consequently, there is an increase in some indicators (such as identified deviations, for example). Still, in this case, this is a good point: after all, it is only possible to manage what is measured.

ENGAGEMENT WITH COMMUNITIES

There is constant work being done with the surrounding communities, especially in the municipalities of Itaguaí, Mangaratiba and Seropédica, in the state of Rio de Janeiro. The relationship goes beyond providing assistance – which is essential, but not separately – developing projects and actions that help to build value together with the company in a continuous and lasting way. The intention is to continue reinforcing transparency in the relationship and the joint construction of solutions so that Porto Sudeste is always seen as an ally of the communities impacted by its activity. Thus, it is possible to speak of engagement with purpose.

EFFICIENT MANAGEMENT OF THE VALUE CHAIN

When talking about the value chain, it is vital to think beyond the business process itself, seeking to understand the upstream and downstream perspectives of the business as well. In this sense, it is possible to have a broader view of the current and potential impacts that the company generates. The impact on the environment is an issue inherent to the business. Reinforcing Porto Sudeste's proactive way of being once more, the company seeks innovative solutions to address challenges related to its impacts on the ecosystem and local biodiversity. They can be disruptive innovations, such as the rock-cutting initiative, or structural and procedural innovations, such as rainwater harvesting. The tendency is for this avant-garde profile to become even stronger, mainly to address climate change, which is a critical point for the sector. Much of this criticality is linked to the management of the downstream supply chain, that is, its suppliers, which includes maritime logistics

as a whole. It is essential to engage with these stakeholders to seek robust and assertive solutions to mitigate greenhouse gas emissions and reduce the impact on climate change.

Porto Sudeste is a company that manages to apply its discourse in practice. The gains arising from this are visible in the indicators, goals, transparency, and management, that is, in the generation of shared value. This is the trend. Companies that do not seek to be guided by the precepts of Stakeholder Capitalism, which aims to generate value for all stakeholders, including shareholders, tend not to perpetuate themselves. The legitimate path that leads to this is sustainability.

Porto Sudeste will continue to work hard to continue this ESG journey toward the future!



portosudeste

**If it's not safe, don't do it
and don't let others do it!!**

**The health of our company depends on the
health of our community!**

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