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José Firmo
CEO

Message from leadership 102-14

This is the first Sustainability Report published by Porto do Açú Operações, a milestone in the history of this young company responsible for managing the largest port-industry complex in the country.

The result of investments that have already totaled 19 billion reais, the Port of Açú is today one of the largest private investments in infrastructure in Brazil: it has the third largest iron ore terminal, houses the terminal responsible for handling 25% of Brazil's oil exports, offers the world's largest offshore support base and observes the start of operation of Latin America's main natural gas-fired power generation hub. Among clients and partners, it has already attracted world-class companies from key sectors of the Brazilian economy. All this in just seven years of operation.

Porto do Açú Operações is a private port administrator, a pioneer in this management model in Brazil. As managers of an asset of this magnitude, our main mission is to manage it responsibly, based on efficient and safe solutions for our clients and partners, contributing to the sustainable development of Rio de Janeiro and Brazil.

The base year of this report was marked by a tragedy unprecedented in recent human history. The COVID-19 pandemic threw light on environmental, social and governance issues and the role that companies have vis-à-vis society.

As managers of an asset of this magnitude, our main mission is to manage it responsibly, based on efficient and safe solutions for our clients and partners, contributing to the sustainable development of Rio de Janeiro and Brazil

To mitigate the impact of COVID-19 on our workforce, we have adopted strict health protocols in port operations and home office arrangements for all administrative teams. After more than a year, our prudence proved to be right, and we are certain that our preventive action was decisive in protecting our greatest capital: our human capital.

At the international level, we led a task force with the International Association of Ports and Harbors (IAPH) to share best practices adopted by ports around the world. The exchange of experiences and the constant exchange with ports that were ahead of us in facing the pandemic allowed us to learn and incorporate health protocols that ensured that the Port of Açú remained fully and uninterruptedly open, safely and ensuring the movement, transport and supply of essential goods and supplies during the pandemic.

We also acted to preserve the company's financial health, which allowed us to achieve excellent results despite the economic scenario experienced in the country. We finalized the renegotiation of the long-term debt with the financing banks and, by prioritizing essential expenses and optimizing others, in addition to the containment of investments planned for the year, we were able to maintain net revenue and conclude the year with a cash position higher than 2019.

The Multicargo Terminal (TMULT) operated by Porto do Açu Operações closed the year with more than 670 thousand tons handled, registering growth in both cargo portfolio and clients, and inaugurated a new cabotage route with the Port of Rio operated by our partner Norsul. In this route, 100% of the carbon emissions are offset.

Aware that the critical moment we faced required, more than ever, the union of efforts between the public and private sectors and the entire society, we established the Port of Açu Humanitarian Actions Committee in partnership with Ferroport, Açu Petróleo and Gás Natural Açu, all installed in the port. Our efforts were concentrated in 4 lines of action: 1) correct, precise information, in simple language and accessible to the greatest number of people; 2) support for health professionals; 3) support with essential equipment in the treatment of severe cases; e 4) special attention to the more vulnerable population. This report details the relevant results achieved from the union of efforts that helped save lives in the North Fluminense region.

The concern for health and safety was also accompanied by the relentless pursuit of the zero-accident mark in our operations. In 2020, our recordable accident rate per million man-hours totaled 0.63, a performance that places us at world-class levels of operational excellence. Also, we achieved zero lost time accidents across our workforce, a milestone that makes us proud and reinforces our commitment to promoting a safe environment.

While we are concerned about the health of our employees and the safety of our operations, we also stand out for our performance on other ESG topics.

In a fierce competition with major international ports, we received the International Sustainability Award from IAPH in the safety category, in recognition of our efforts to prevent the oil spill that hit the Brazilian coast in 2019. Located in a strategic area for oil exploration and housing terminals specialized in offshore support for the main companies in the segment, the Port of Açu has demonstrated that it is capable of anticipating the possible impact of oil spills in the north of the state of Rio de Janeiro, acting preventively through integrated actions that have demonstrated in practice that the port has safety standards capable of adding greater effectiveness to the response-to-oil incident structures.



2020 marks the year of approval of a new sustainability strategy for the company, built on intense collaboration with our shareholders Prumo Logística and Port of Antwerp International

In 2020, we continued our nature conservation efforts: we reached the mark of 1 million sea turtle hatchlings released into the sea. Located in a priority breeding area, the sea turtle conservation program is an example of our commitment to reconcile business development with biodiversity conservation.

We also disclosed the adhesion of the Port of Açú to the Environmental Ship Index(ESI), an index classifying ships that exceed the emission standards set by the International Maritime Organization (IMO). Ships that perform above emission standards, including levels of greenhouse gas emissions, now have access to differentiated port tariffs.

With the initiative, the Port of Açú joins a list of 62 global ports that have adopted the incentive mechanism. Joining the ESI reinforces our commitment to participate in the global effort to reduce emissions in shipping, in joining efforts to use increasingly cleaner technologies.

Finally, 2020 marks the year of approval of a new sustainability strategy for the company, built on intense collaboration with our shareholders Prumo Logística and Port of Antwerp International. The new guidelines approved by the Board of Directors help us navigate through the profound changes associated with the transition to a low-carbon economy and position us as a climate change resilient port.

The energy transition opens up countless business opportunities, at a speed that has surprised everyone. As early as 2020, we began studies with partners who are leaders in their segments of activity for the development of renewable energy and green hydrogen projects at Açú. We are certain that the transition to a low-carbon future will continue to generate new opportunities, and in the coming years we will continue to work to capture these opportunities to the maximum, sharing value with our shareholders, partners and society.

Good reading.

José Firmo
CEO



ABOUT THE REPORT

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This is the first Annual Sustainability Report of Porto do Açú Operações S.A., covering the period referring to 2020 - January 1st to December 31st, 2020 - and with historical data aiming at the evaluation of the company's ESG¹ performance.

In 2020, Porto do Açú Operações made progress in consolidating the guidelines for sustainability, which resulted in the approval of its **Sustainability Strategy and Policy**. The report presents the company's results in the topics identified as material and priority, the focus of our current and future development.

The report was based on GRI² standards in order to provide publicity and transparency to the company's ESG results. Therefore, it was built by multidisciplinary team, resulting in the joint effort of the different areas of Porto do Açú Operações that act in the processes and management of its ESG performance.

For more information about the report, contact:
comunicacao@portodoacu.com.br

¹ Environment, Social and Governance (ESG)
² Porto do Açú Operações did not adopt the GRI reporting model in this first year but used Global Reporting Initiative standards (GRI) as guidelines for the data description process, seeking an alignment for future reports. The GRI references are presented throughout the report and consolidated in an index in the final session.

PORTO DO AÇU OPERAÇÕES IN 2020

Business

Net revenue
R\$ 214,126 million



16 clients
with permanent occupation
of areas



2.914 port calls



670 thousand
tons handled at the Multicargo Terminal



71.221
land accesses



Safety

3 years
without oil spills



Zero accidents
with lost time injuries (LTI)
Total recordable incident rate (TRIF) of: 0.63



4 years
without recordable
incidents
at the Multicargo Terminal

Environment

100%
Reuse of
organic waste
in the production of fertilizers



1 million hatchlings
released to the sea through
the sea turtle conservation program



674 hectares
hectares of planting
concluded in Caruara Reserve



Zero accidents
with environmental damages



People and community

704
Employees own
and third party



34.514 hours of
training 99h / employee



80%
of local labor

US\$ 1 million
in humanitarian actions and
preventive and operational
measures to fight the pandemic



Approval of Porto do Açu Operações Sustainability Strategy and Policy, in line with ESG best practices and the UN's 2030 Agenda

Sustainability Award from the International Association of Ports and Harbors (IAPH) 2020 in the Safety category with the "Emergency Preparedness Project"

IIA May Brazil 2020 Award - Internal Audit of Compliance Program

ISO 9.001 Certification for Nautical Infrastructure Management and Vessel Traffic Service (VTS)

Adherence to the Environmental Ship Index - ESI*

* Environmental Ship Index

2020 Highlights

ACTION IN FACE OF THE COVID-19 PANDEMIC



The COVID-19 pandemic brought unprecedented challenges to the entire world. At Porto do Açu Operações, a crisis management structure was established from the beginning of the pandemic with the objective of caring for people, providing support to the community, ensuring operational continuity in a secure manner, and maintaining the company's financial health.

Aiming to respond agilely and responsibly to crisis scenarios, the committees formed in collaboration with other companies at Açu worked on four fronts: **Protection of People, Humanitarian Support, Operational Continuity and Business Financial Management.**

Internationally, Porto do Açu Operações has coordinated a task force with the International Association of Ports and Harbors (IAPH) which aimed to discuss and implement health protocols that would allow the continuity of operations in the port sector during the public calamity scenario.

The implementation of preventive measures based on international best practices allowed Port of Açu to remain in business, playing a key role for the country's economy, ensuring the movement, transportation and supply of goods and essential inputs during the pandemic.

[LEARN MORE](#) 



PROTECTION OF PEOPLE

In order to safeguard the health and safety of its employees, the People Committee, made up of companies within the Prumo Group, implemented measures focused on promoting the collective well-being and organizational performance in times of pandemic.

- Adoption of the Remote Work Policy with financial support and flexible benefits, providing staff reduction in all activities and operational fronts and paralysis of the administrative offices
- Suspension of travel, visits and events
- Strengthening of the Quality-of-Life Program, encompassing actions to support mental health in times of pandemic
- Implementation of virtual platforms for remote medical and psychological care
- Establishment of health and hygiene protocols, with the technical support of the Albert Einstein Institute
- Constant communication and dialogue at all levels of the organization, keeping employees up to date on the evolution of the pandemic and guidance on prevention measures
- More than 80% of employees in remote work
- 46 employees registered on the online platform for psychological care and 402 consultations carried out
- More than 400 health care consultations via telemedicine
- Over 2,250 COVID-19 tests performed on own and third-party employees
- 370 cases of COVID-19 registered, zero deaths and hospitalizations in 2020
- Total of 206 tests performed on suspected cases, 52 confirmed among own and third parties employees



BUSINESS CONTINUITY

Through the Operational Committee, in which all the companies installed in the Port participate, measures were defined and implemented to adapt the operations aiming at the continuity of the activities in a safe way.

- Periodic meetings and establishment of protocols and Contingency Plan, with prevention and control measures related to (i) communication and guidance; (ii) access screening; (iii) transportation; (iv) cafeterias; (v) isolation and medical care; (vi) use of PPE; (vii) embark, disembark and work on board; e (viii) emergency response, ensuring legal compliance and alignment with international best practices
- Integrated case monitoring and routine reporting to health authorities



COMMUNICATION

Access to clear, accurate and correct information has proven essential in fighting the pandemic. To this end, a constant communication channel with the local community was established.

- Reinforcement of communication with communities through specific channels – car loudspeakers, radio, WhatsApp - in partnership with the municipalities of São João da Barra and Campos dos Goytacazes
- Ongoing awareness campaign on social networks with general safety guidelines and publication of information and documents on the Porto do Açú Operações website
- Provision of a personalized helpdesk for queries relating to COVID-19

GUARANTEE OF EMPLOYABILITY AND CONTRIBUTION OF RESOURCES

The Financial Committee focused on providing resources for the actions of the other committees and the actions necessary to maintain jobs and current contracts. The aim was to ensure that the pandemic was being tackled, in balance with the company's financial health and business continuity.

- Zero dismissals or contract terminations related to the pandemic
- Restraint of non-priority expenditures
- Provision of resources for the implementation of measures to protect the health of employees, maintain jobs and fulfill the social commitment with the community
- Preservation of contracts with local labor and promotion of hiring alternatives in the region, to encourage the flow of the economy in the region
- Advance payments for small suppliers
- Relationship with charities, municipalities and class associations to strengthen humanitarian actions
- U\$250 thousand in humanitarian support actions in the region
- U\$500 thousand to implement measures with employees
- U\$300 thousand in measures to maintain operations



SUPPORT FOR HEALTH AND SPECIAL SERVICES PROFESSIONALS*

Through the Humanitarian Actions Committee, Porto do Açu Operações took a prominent position in actions to support health professionals and essential services in the municipalities of São João da Barra and Campos dos Goytacazes, with the donation of:

- 100 thousand Personal Protective Equipment items (PPE) including masks, aprons and gloves
- Inputs for the production of face shields

VULNERABLE POPULATION*

The isolation resulting from the pandemic also affected small entrepreneurs. With the support of the Humanitarian Actions Committee, which acted in the purchase and subsequent donation to charities, families of small farmers who had no way to outflow their food production because of COVID-19, were able to sell their production and help supply low-income families.

- 22 charities benefited
- 1.5 thousand people served with donations
- 7 tons of food donated'



ESSENTIAL EQUIPMENT, TECHNOLOGY AND TESTING*

The Humanitarian Actions Committee sought innovative ways to provide the resources necessary for the proper treatment of the greatest number of patients with COVID-19.

- 26 lung ventilators recovered
- Porto do Açu Operações has joined the Brazilian Institute of Oil and Gas (Instituto Brasileiro de Petróleo e Gás - IBP) and the companies Equinor and SBM to support the "Dados do Bem" project
- US\$ 100 thousand invested with the D'Or Institute in research on the virus
- 25 thousand rapid test kits donated



* Results achieved by Humanitarian Actions Committee, with active participation of other companies that operates at Açu.



SUSTAINABILITY STRATEGY AND PERFORMANCE 2020

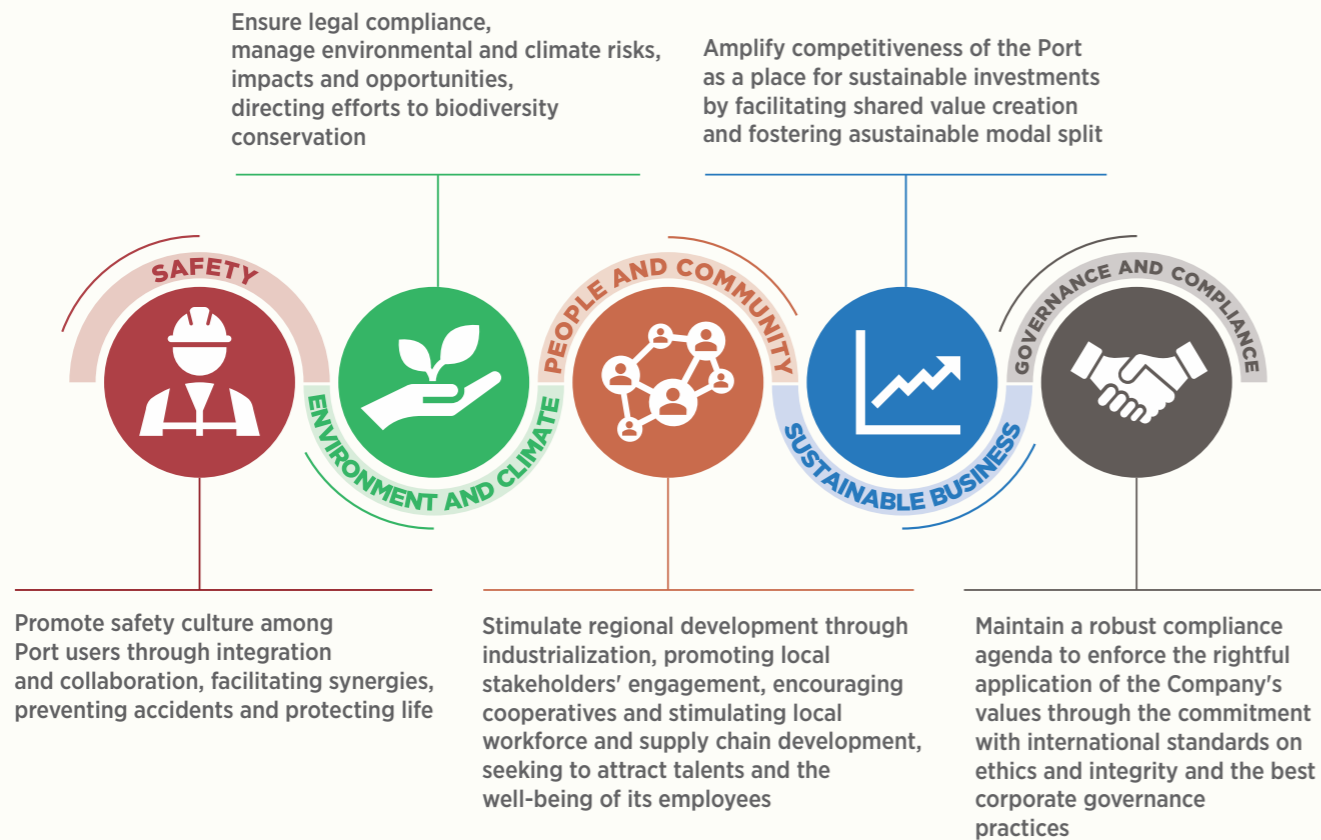
102-44, 102-46, 102-47

In 2020, Porto do Açú Operações approved its Sustainability Strategy with the Board of Directors, aligning the company's Strategic Planning with best environmental, social and corporate governance practices (ESG).

The Strategy establishes sustainable growth with the generation of long-term value as a differential for the development of the company's business, based on the Global Sustainable Development Agenda (2030) of the United Nations (UN). The guidelines for its implementation are defined by the Sustainability Policy based on five strategic pillars.



STRATEGIC PILLARS

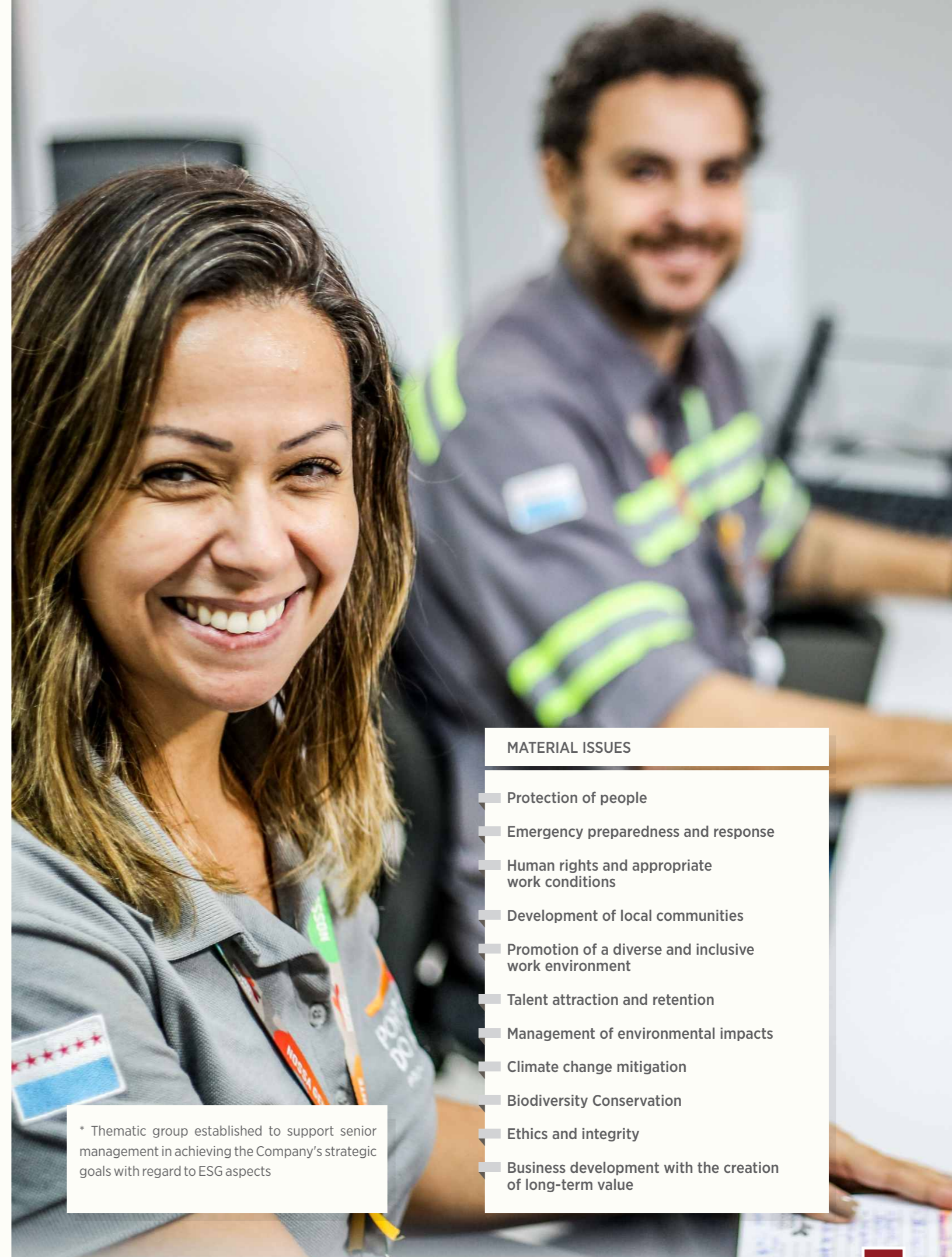


STRATEGY BUILDING

The Sustainability Strategy was structured based on the definition of material issues, priorities for the construction of strategic guidelines. The materiality process was carried out by the ESG* Work Group, based on the consolidation of different sources of interest, aimed at mapping and prioritizing the various relevant themes.

Definition of Materiality

- Market context and shareholder guidelines
- ESG references and sustainability trends in the port sector
- Alignment with the Global Sustainable Development Agenda - Agenda 2030
- Stakeholder engagement: employees, clients, suppliers, government, community, organized civil society and the press
- Company ESG performance



* Thematic group established to support senior management in achieving the Company's strategic goals with regard to ESG aspects






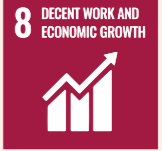

MATERIAL ISSUES








- Protection of people
- Emergency preparedness and response
- Human rights and appropriate work conditions
- Development of local communities
- Promotion of a diverse and inclusive work environment
- Talent attraction and retention
- Management of environmental impacts
- Climate change mitigation
- Biodiversity Conservation
- Ethics and integrity
- Business development with the creation of long-term value

2020 PERFORMANCE

With the approval of the Sustainability Strategy of Porto do Açú Operações, its ESG performance began to be evaluated through specific indicators for each of the five pillars, monitored by the Executive Board and Board of Directors.







STRATEGIC PILLAR	ACHIEVEMENTS	MATERIAL THEME	OBJECTIVE	INDICATOR	2020 PERFORMANCE	2019 PERFORMANCE	CONTRIBUTION TO AGENDA 2030
SUSTAINABLE BUSINESS 	<ul style="list-style-type: none"> Partnership with Norsul for regular cabotage service between Multicargo Terminal (T-MULT) and Port of Rio de Janeiro Signing of Memorandum of Understanding (MoU) with Equinor for the development of a solar photovoltaic generation plant Signing of MoU with Fortescue Future Industries Pty (ITF) for development of green hydrogen industrial projects 	Business development with long-term value creation	Expansion of competitiveness, making Açú a reference for investments in long-term sustainable business	Development of new projects	1 new connectivity project implemented 1 new renewable energy project started 1 new green hydrogen project started	Not presented	     

STRATEGIC PILLAR	ACHIEVEMENTS	MATERIAL THEME	OBJECTIVE	KPI	2020 PERFORMANCE	2019 PERFORMANCE	CONTRIBUTION TO AGENDA 2030
GOVERNANCE AND COMPLIANCE 	<ul style="list-style-type: none"> Approval of the ESG Sustainability Strategy and governance structuring, with the creation of the ESG Work Group - ESG WG 	Ethics and integrity	Promoting a culture of integrity	Training in the code of conduct and anti-corruption	262 employees (89% of the total)	156 employees (56% of the total)	 
				Handling of complaints	24 complaints received and average processing time of 44 days	34 complaints received and average processing time of 38 days	
SAFETY 	<ul style="list-style-type: none"> Strengthening of the safety culture through integration with port users, partners and tenants Restructuring of the Safety Management System Investment in Safety Culture with adaptation to remote model Restructuring of the Road Traffic Safety Program with the port community Integration of emergency management through the Mutual Aid Plan (PAM) Intensification of the emergency drills agenda 5 years without lost time accidents in T-MULT operations and 4 years without recordable accidents 3 years without accidents involving oil spills into the sea 	Protection of people	Zero accidents	Rate of accidents with lost time (per 1 million man-hours worked)	0,00	0,49	  
				Total accident rate (per 1 million man-hours worked)	0,63	0,49	
				Oil spills at sea	0 leakages	0 leakages	
		Emergency preparedness and response	Performance of emergency drills	21 drills carried out, fulfilling 100% of the annual schedule	11 drills carried out, fulfilling 100% of the annual schedule		

STRATEGIC PILLAR	ACHIEVEMENTS	MATERIAL THEME	OBJECTIVE	KPI	2020 PERFORMANCE	2019 PERFORMANCE	CONTRIBUTION TO AGENDA 2030
PEOPLE AND COMMUNITY 	Adaptation of routines to the pandemic scenario, ensuring safety and quality of life for employees	Human rights and appropriate work conditions	Operational continuity with safety and humanitarian support for response to the COVID-19 pandemic	Investments in humanitarian actions, implementation of preventive and operational measures	U\$ 1 million	Not presented	     
	Restructuring of training for remote			Community committee meetings	9 virtual meetings and 154 participants	6 meetings and 59 participants	
	Structuring the Diversity and Inclusion	Development of local communities	Local community engagement and development through job creation and hiring of local suppliers	Local labor	80% of own employees	78% of own employees	
	Carrying out humanitarian support actions to tackle the COVID-19 pandemic and maintaining social programs in the			*Local suppliers and **items contracted with local suppliers	15% local suppliers and 28% of items contracted with local suppliers	15% local suppliers and 21% of items contracted with local suppliers	
	Increased participation of local labor (own employees) through the actions of the Employability Network			Participation of the female gender in the workforce	36% women in the overall workforce and 23% in leadership roles	32% women in the workforce and 17% in leadership roles	
	Expansion of the activities of the Community Committees	Promoting a diverse and inclusive work environment	Increased gender and color diversity	Participation of black and mixed-race in the workforce	30% black and mixed-race in the in the overall workforce and 12% in leadership roles	32% black and mixed-race in the overall workforce and 15% in leadership roles	
	Implementation of the priority action fronts of the Local Development Council: Strengthening of Education, Social Observatory and Sustainable			Training and development	34.514 hours of training and 99h / employee	15.615 hours of training and 47h / employee	
	Creation of a work group to develop local suppliers in partnership with the Secretariat of Economic Development of the municipality of São João da Barra	Talent attraction and retention	Development of our employees				

* Suppliers of the municipalities of São João da Barra and Campos dos Goytacazes

** Product or service

STRATEGIC PILLAR	ACHIEVEMENTS	MATERIAL THEME	OBJECTIVE	KPI	2020 PERFORMANCE	2019 PERFORMANCE	CONTRIBUTION TO AGENDA 2030
ENVIRONMENT AND CLIMATE 	Consolidation of the port's water management through the Water Supply Master Plan	Management of environmental impacts	No change in environmental quality due to the company's operations	Specific waste generation at T-MULT*	0,06 kg/ton handled	0,08 kg/ton handled	    
	100% reuse of organic waste for the production of fertilizer and 100% recycling of other recyclable waste			Waste recycling	100% sent for recycling	86% sent for recycling	
	Environmental quality monitored through the monitoring programs and unchanged by port operations			Air quality index - IQAr**	GOOD 100% of the time	GOOD 100% of the time	
	Milestone of 1 million turtle hatchlings released to the sea	Climate change mitigation	Emissions profile study for proposing reduction targets	Specific water consumption at the T-MULT	52L / ton handled	60L / ton handled	
				Accidents with environmental damage	Zero accidents	Zero accidents	
	1.142 hectares of sandbank planting completed in the RPPN Caruara	Biodiversity conservation	Positive impacts on the dynamics of sea turtles in the region	Greenhouse gas emissions (GHG) (scopes 1, 2 and 3)	7.861 tCO2e	11,924 tCO2e	
Protection of restinga ecosystem areas	Number of nests and hatchlings protected			14.279 nests protected and 1,024,352 turtle hatchlings released to the sea (until March 2021)	13.374 nests protected and 970.000 turtle hatchlings released to the sea (until March 2021)		
			Planting area in the RPPN Caruara	56 hectares in the year 670 hectares of cumulative planting since 2012	22 hectares in the year 614 hectares of cumulative planting since 2012		

* kilogram of waste generated per ton of cargo handled

** IQAr is calculated as defined by CONAMA Resolution 491/2018 from continuous monitoring data for PM10 and PM2.5. "GOOD" rating equals best rating (IQAr < 40)



OBJECTIVE
 Develop and manage Açú as a world-class private port, connecting Brazil to the world and creating shared value through sustainable growth.

VISION
 To be the most recognized and competitive port-industry complex in the South Atlantic with a high global reputation.

VALUES

Our People - We are passionate about overcoming challenges and creating prosperity through collaboration

Our Clients - We promote comparative advantages based on excellence and efficiency through proactive and trusting relationships.

Our Environment - We aim for sustainable growth with ethics, transparency and safety, fully committed to life and diversity

COMPANY PROFILE

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Formed through a partnership between Prumo Logística (98.13%) and Port of Antwerp International PAI Invest N.V. (1.87%) **Porto do Açú Operações S.A.** is responsible for the development and port administration of the Port of Açú, in the municipality of São João da Barra, in the north of the State of Rio de Janeiro. The company is also responsible for the operation of the Multicargo Terminal (T-MULT) and its subsidiaries Reserva Ambiental Fazenda Caruara S.A. and Águas Industriais do Açú S.A.

With private Port Administration and having PAI as shareholder, **Porto do Açú Operações** unites the potential of the largest port-industry and energy complex in Latin America with the experience of the largest maritime, logistics and industrial platform in Europe. Prumo, the company's controlling shareholder, has as shareholders EIG Global Energy Partners, a North American fund focused on the energy and infrastructure sectors, and Mubadala, a sovereign wealth fund of the United Arab Emirates.

670 thousand
tons handled at T-MULT in 2020

704
own and third party employees

16
tenants with permanent occupation of areas

1st VTS
Vessel Traffic Service - approved by the Brazilian Navy.
Control Center integrating land, sea and emergency operations.

80%
of local labor



PORT OF AÇÚ: MODERN AND WORLD-CLASS ENTERPRISE

The result of investments totaling U\$ 4,5 billion, Açú is a port-industry complex with 100% private capital participation in its administration, operated with the highest standards of efficiency and safety. The port is the first in the country to implement vessel traffic service (VTS), with state-of-the-art equipment for signaling and navigation support.

The port ended the year of 2020 with 10 Private Terminals (Terminais de Uso Privado - TUPs) in operation and 15 companies installed.

Of the 130 km² of the Açú total area, 40 km² are occupied by the Caruara Private Natural Heritage Reserve (RPPN), a conservation unit created voluntarily in 2012 and managed by its subsidiary Reserva Ambiental Fazenda Caruara S.A. The RPPN Caruara is the largest private conservation unit in the country dedicated to the Restinga ecosystem and the largest environmental asset of Açú.

90 km²
retro area
available for industrial
development

40 km²
intended for
environmental
conservation

7 Km of operational quays

More than
12 thousand
(port calls)

7 thousand
employees
in the enterprise

State-of-the-art operations
and high technology with
benchmark assets in its sectors

10 terminals
in operation

54,3 million
tons handled in the
in the Private Terminals.
a **25% growth** compared to 2019

Largest
offshore supply base
in the world

3rd largest
iron ore
terminal in Brazil

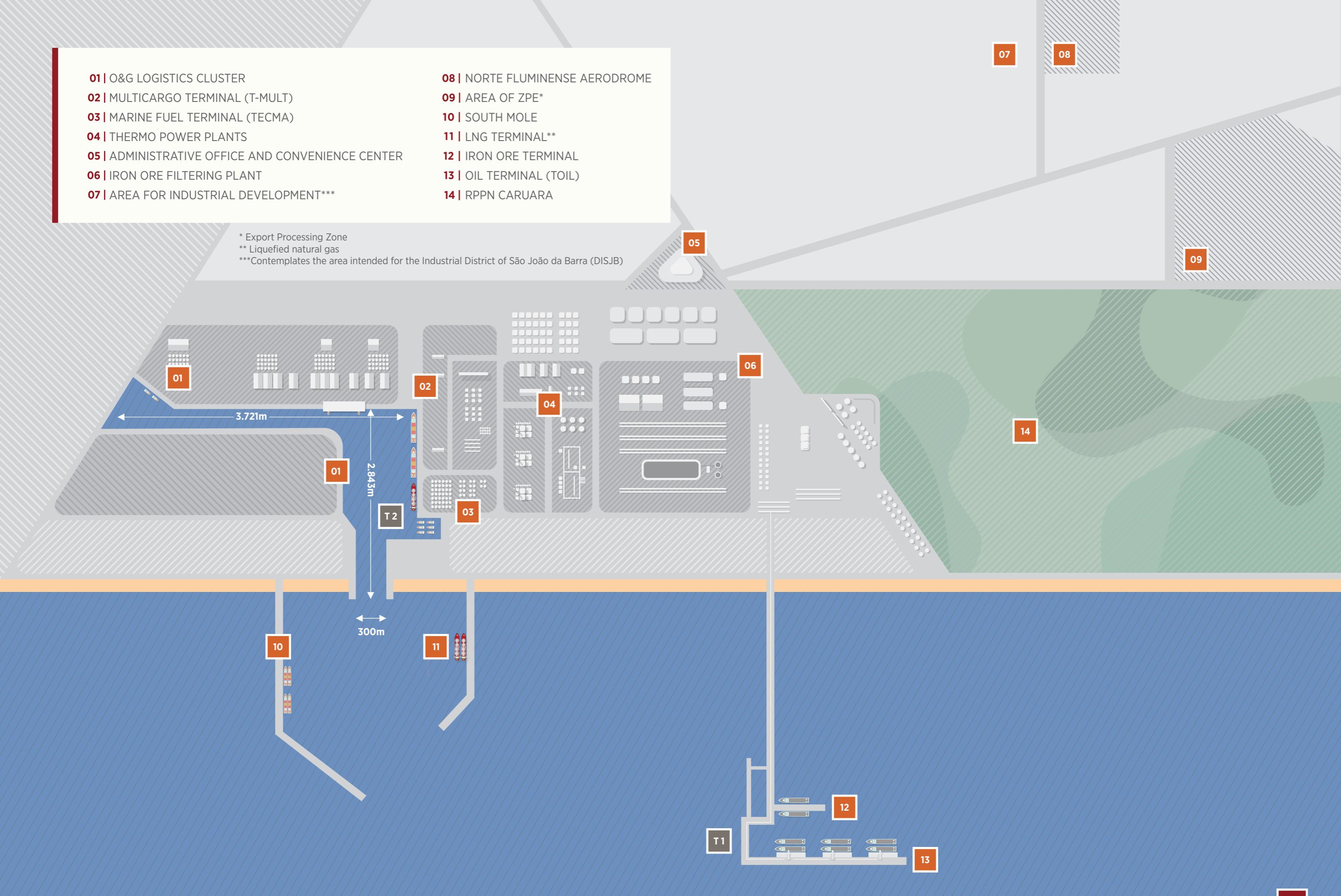
Terminal that handled
25% of Brazil's oil exports
in 2020

LARGEST
Natural Gas Thermal
Power Plant in Latin America

- 01 | O&G LOGISTICS CLUSTER
- 02 | MULTICARGO TERMINAL (T-MULT)
- 03 | MARINE FUEL TERMINAL (TECMA)
- 04 | THERMO POWER PLANTS
- 05 | ADMINISTRATIVE OFFICE AND CONVENIENCE CENTER
- 06 | IRON ORE FILTERING PLANT
- 07 | AREA FOR INDUSTRIAL DEVELOPMENT***

- 08 | NORTE FLUMINENSE AERODROME
- 09 | AREA OF ZPE*
- 10 | SOUTH MOLE
- 11 | LNG TERMINAL**
- 12 | IRON ORE TERMINAL
- 13 | OIL TERMINAL (TOIL)
- 14 | RPPN CARUARA

* Export Processing Zone
 ** Liquefied natural gas
 ***Contemplates the area intended for the Industrial District of São João da Barra (DISJB)



EXTENSION OF SERVED MARKETS 102-6

Açu's development occurs through different hubs, leveraged by its strategic location in the Brazil's Southeast region, close to the main oil exploration and production fields, and taking advantage of a private investment environment. The availability of area and key inputs, as iron ore, oil and natural gas, combined with world-class port infrastructure and multimodal connectivity, make Açu a reference platform for the country's industrial development.

After the start of operations, Porto do Açu Operações moved on to the stage of expanding the markets served with the expansion of Açu's connectivity. Regular cabotage operations began in 2020. In addition, Açu operates in the promotion of highway, railways and airport accesses and with projects for connection via gas and oil pipelines. Located in a strategic region for the country's economy and foreign trade, the port is connected to the states of Minas Gerais and Espírito Santo by federal and state highways. And is increasingly logistically integrated.

And from Brazil to the world, an important step was the exchange of experiences with some of the most important international ports. In addition to the Port of Antwerp, the company's partner, Açu has partnerships with the Port of Houston, in the USA, and the Port of Guangzhou, in China. These partnerships contribute to the adoption of good safety, management and governance practices, in addition to enabling commercial synergies.

Strategic partnerships

The search for commercial synergies and business development aligned with good environmental, social and corporate governance practices also occurs through strategic partnerships with national and international institutions. Among the main partners are the International Association of Ports and Harbors (IAPH), the Brazil-Germany Chamber of Commerce and Industry (AHK), the American Chamber of Commerce (AmchamBrazil) the Association of Private Port Terminals (ATP) and the Federation of Industries of the State of Rio de Janeiro (FIRJAN). Important results of these partnerships in 2020 were the performance of Porto do Açu Operações with IAPH, in developing the guide for port activities in the face of the COVID-19 pandemic, and cooperation with AHK in developing hydrogen-based green industrial projects.



Young and fast growing Port

<p>2011</p> <ul style="list-style-type: none"> Start of construction of the onshore channel of Terminal 2 (T2) 	<p>2012</p> <ul style="list-style-type: none"> Creation of the Private Natural Heritage Reserve (RPPN) Caruara Farm, the largest of Restinga ecosystem area in the country. 	
<p>2014</p> <ul style="list-style-type: none"> Inauguration of the Emergency Response Base (Base de Prontidão para Atendimento a Emergências - BPAE) for control and response to oil spills at sea Publication of an updated nautical chart of the Port by the Brazilian Navy First operation at T2, with the vessel Happy Dynamic, of the Heavy Lift type, at the NOV Terminal 	<p>2015</p> <ul style="list-style-type: none"> First operation at T-MULT, with the loading of 30 thousand tons of bauxite in a test operation Approval of the VTS Centre (Vessel Traffic Service) by the Brazilian Navy Start of operations of the flexible pipeline shipping terminals (TechnipFMC and NOV) 	
<p>2016</p> <ul style="list-style-type: none"> Start of operations at T-MULT and Açú Marine Fuel Terminal (TECMA) First operations of the Offshore Support Base Brasil Port 	<p>2017</p> <ul style="list-style-type: none"> Port of Antwerp International (PAI) becomes a shareholder of Porto do Açú Operações T-MULT receives the first Panamax vessel 	<p>2018</p> <ul style="list-style-type: none"> T-MULT reaches 1 million tons handled Signing of cooperation agreement with Port of Houston
<p>2019</p> <ul style="list-style-type: none"> Restructuring of the company and establishment of the Port Administration Board Signing of the cooperation agreement with the Port of Guangzhou 	<p>2020</p> <ul style="list-style-type: none"> Partnership with Companhia de Navegação NORSUL for cabotage services FSRU¹ vessel mooring BW MAGNA at the Gás Natural Açú LNG Terminal New Oceanpact terminal, dedicated to the response of emergencies involving oil at sea 1st fertilizer handling operation at T-MULT VTS Center receives international ISO 9.001 certification for navigation management Adherence to the Environmental Performance Index (ESI) Approval of the new Sustainability Strategy and Policy Port Administration coordinates actions to confront the pandemic through the Operational Committee and the Humanitarian Actions Committee 	



¹ Floating Storage and Regaseification Unit



BUSINESS AND FINANCIAL RESULTS 102-2



With the objective of developing and managing Açú, Porto do Açú Operações is responsible for the port administration of Terminal 2 (T2) and, also, for the port operations carried out at the T-MULT and the South Mole. The company also operates in the development of new business, aiming to provide the growth of the port in an organized, responsible, and efficient way. Through its subsidiaries*, it is also responsible for water management of the Port and the RPPN Caruara.

* Porto do Açú Operações has the following direct subsidiaries: (i) Águas Industriais do Açú S.A and (ii) Reserva Ambiental Fazenda Caruara S.A., in operation; and (iii) GSA - Grussaí Siderúrgica do Açú Ltda, (iv) Siderúrgica do Norte Fluminense Ltda. and (v) G3X Engenharia S.A., non-operational; and the following indirect, non-operating subsidiaries: (i) Pedreira Sapucaia Indústria e Comércio Ltda.

AREAS OF ACTIVITY	Port Administration	100% private management structured to promote and support the development of operations and new businesses at the Port of Açú, focusing on innovation and long-term sustainable growth. It is responsible for ensuring safe and efficient maritime and land accesses, for the development and maintenance of port infrastructure, dredging works and maritime traffic control
	Port operations	Development of logistics solutions to support the development of the offshore industry. Provision of integrated solutions for storage and cargo outflow through T-MULT
	New business development	Expansion of Açú operations through the development of logistics and industrial solutions, with a focus on renewable energy, circular economy, low carbon and sustainable connectivity
OPERATIONAL SUBSIDIARIES	Reserva Ambiental Fazenda Caruara S.A.	Management of the conservation unit (RPPN Caruara) with operations based on three pillars: environmental services, tourist visitation and education and scientific
	Águas Industriais do Açú S.A.	Water management aimed at ensuring the sustainable supply of water necessary for the development of operations and new businesses at Açú, with solutions for water withdraw, treatment and distribution.

PORT ADMINISTRATION

SAFE AND EFFICIENT OPERATIONS

In the responsibility of port administration, the company plays the role of regulation and integration between port users, partners, public authorities, and the local community, promoting synergies and encouraging the adoption of good operational and ESG practices.

The commitment to safe and efficient operations is also materialized by the management of accesses and facilities in line with the Port Regulations, basic regulations for activities at the port, procedures, and instructions.

[LEARN MORE](#)

In 2021, the quality of operations management will be improved with the entry into operation of the Port Management Information System (PMIS) which will provide greater integration between vessel traffic information and the port's other information systems, allowing interoperability with terminal systems, ship owners, maritime agents, port authorities and other stakeholders of the port community. The PMIS, which integrates the VTMS, seeks to raise the quality of management and operational safety and port development, in addition to taking Açú forward on the path to becoming a "Smart Port", where the entire logistics chain and community will be benefited.

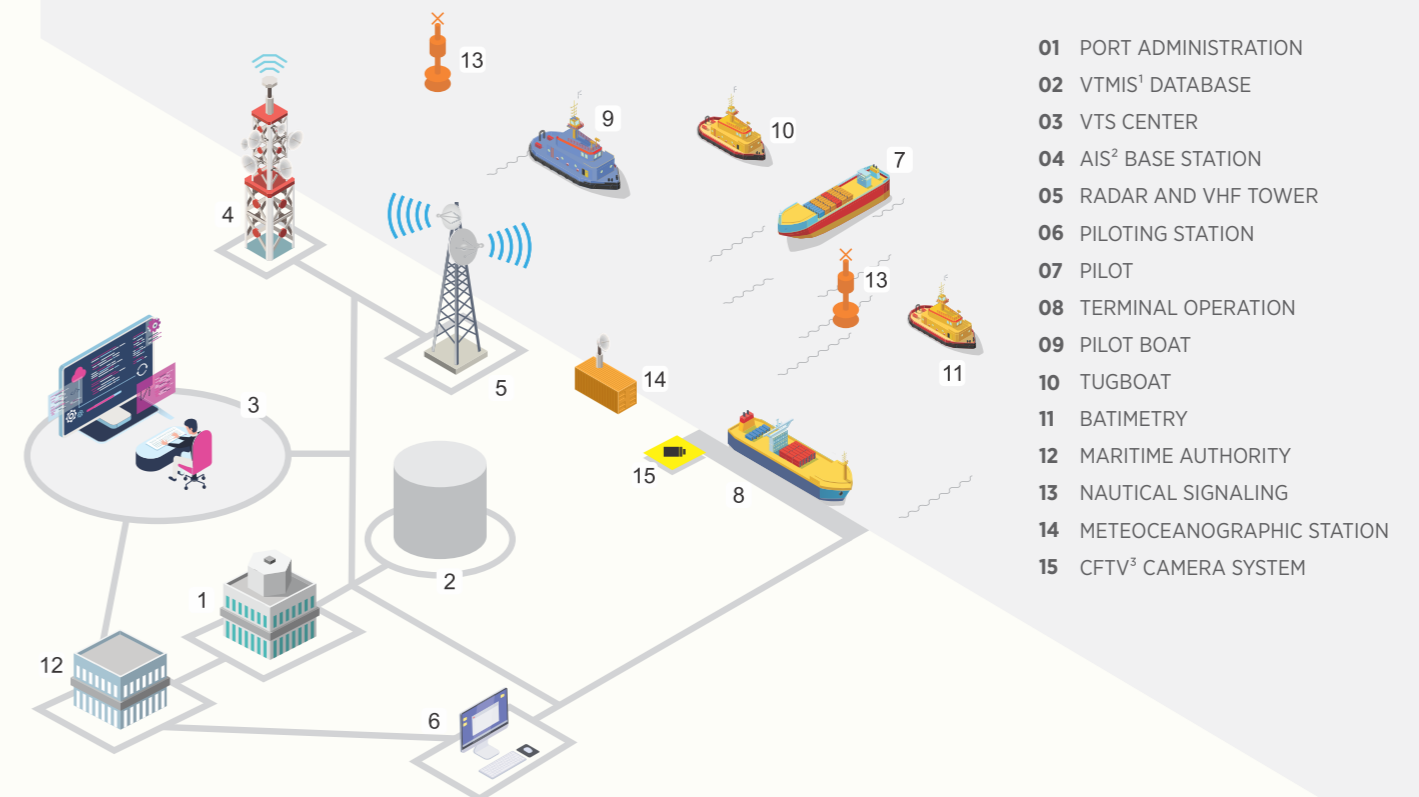
Maritime Traffic Safety

The vessel traffic management at Açú is carried out by the VTS Center, operated by Porto do Açú Operações. The Vessel Traffic Service (VTS), operational since 2015, was the first service of this type approved in the country by the Brazilian Navy. It is an advanced navigation safety tool, providing real-time monitoring of all traffic and operating modern management and data collection systems, on par with the largest and best ports in the world.

The Açú infrastructure also has a modern nautical signaling system and a large structure of meteoceanographic equipment that provides the Piloting Service with the necessary information, in real time, to ensure that traffic occurs at a high level of safety.

Since the beginning of operations, the Port of Açú VTS Center has provided an increase in safety for more than 12,000 vessels that arrived at the port and for 26,000 maneuvers monitored during this period.

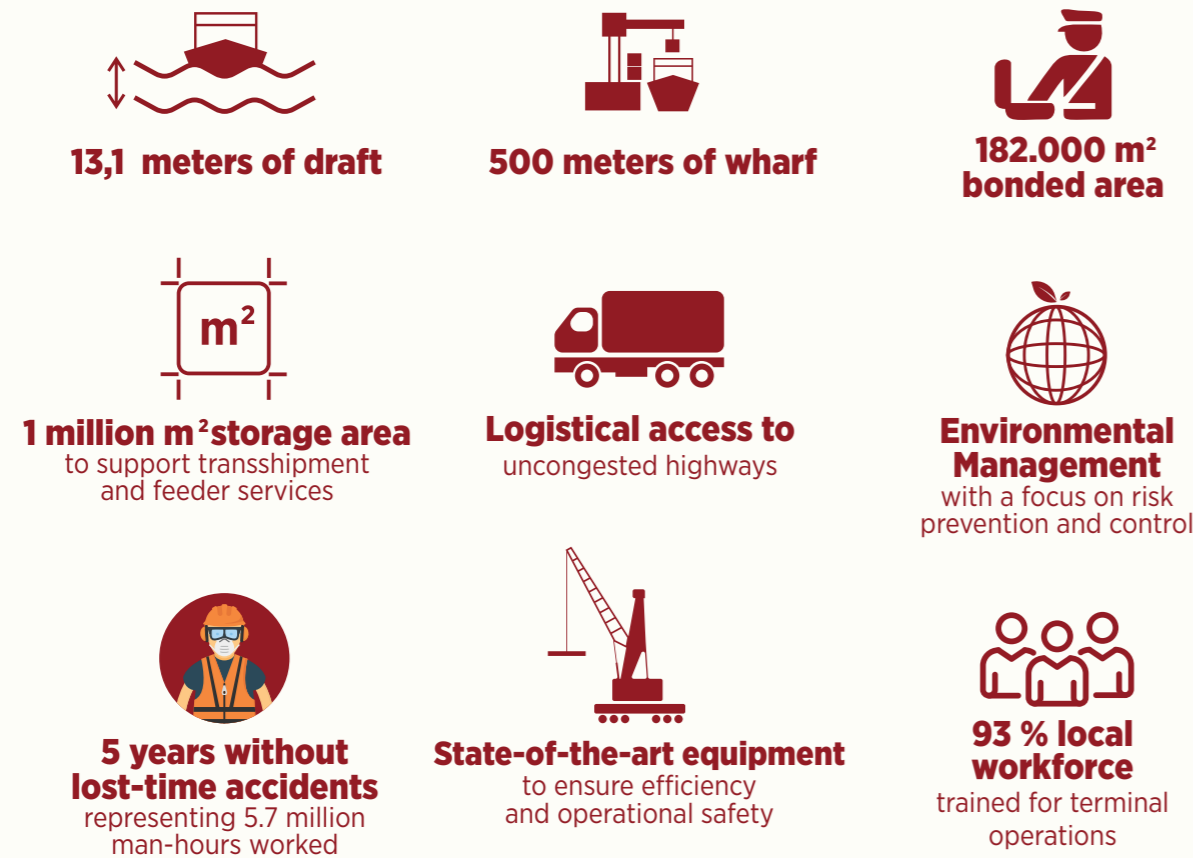
In 2020, the nautical infrastructure and the VTS Center obtained **ISO 9001 Certification**, an unprecedented milestone in Brazil, reaffirming Açú's commitment to the safety of its operations.



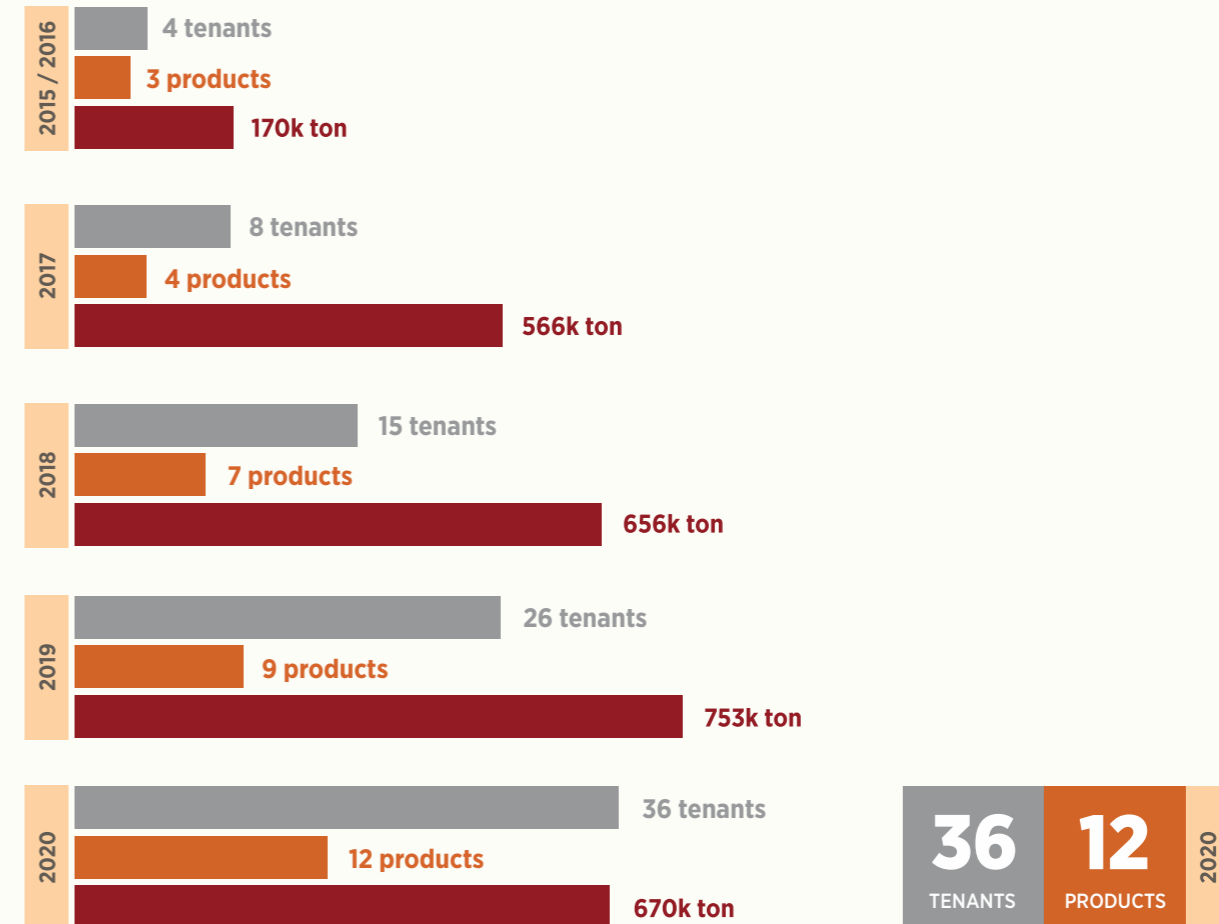
¹Vessel Traffic Management Information System; ²Automatic Identification System; ³Closed circuit TV

MULTI-CARGO TERMINAL (T-MULT)

With activities initiated in 2015, T-MULT has already handled approximately 2.8 million tons in loading and unloading operations associated with long-haul shipping, cabotage and maritime support. The terminal handles various types of dry bulk cargo, general cargo and project cargo, especially the movement of coke, coal, bauxite, gypsum, pig iron and other products, fertilizers and scrap metal. In order to meet market demand, the terminal has a Master Plan for its development, receiving investments for capacity expansions and improvement of the equipment park to support gains in operational efficiency and the expansion of the portfolio.



During 2020, the terminal's operations did not stop. The pandemic scenario was reflected in the slowdown in the growth in cargo volume projected for the year, but the diversified portfolio maintained the expansion in the number of clients served and types of cargo.



T-MULT inserts Rio de Janeiro in the fertilizer market

In September 2020, Porto do Açu Operações put the state of Rio de Janeiro on the map of the fertilizer market in Brazil. The first shipment was carried out via TMULT and imported 25 thousand tons of potassium chloride (KCL) to the interior of the state of Minas Gerais. In just the first year of the contract, 150,000 tons of fertilizers are expected to flow through this terminal. These operations through Açu allow the state's global connection to the producers of these inputs, enabling positive externalities in terms of costs and logistics, both to the consumer market in Rio de Janeiro and, mainly, to the landlocked regions that make up the Açu hinterland, such as the state of Minas Gerais.



SUPPORT FOR THE OFFSHORE INDUSTRY

Porto do Açu Operações operates in the provision of infrastructure, operation, and equipment for the logistics of oil and gas operations, including platform hibernation, class changes, waste and effluent management and cargo and equipment handling. Also, clients can carry out surveys, class inspections and internal repairs to the vessels while at berth.

Due to the large availability of wharves, equipment for cargo handling and its privileged location, Porto do Açu Operações offers a competitive advantage mainly for operations in the Campos and Espírito Santo basins, in addition to being able to serve as a base for decommissioning operations and implementation works for offshore wind projects being planned on the Southeast coast.

BUSINESSES FOCUSED ON THE CONSERVATION OF NATURAL RESOURCES AND BIODIVERSITY

Águas Industriais do Açu S.A.

Considering the need to guarantee the water supply for the port's development in a sustainable manner and following the growth of operations, Águas Industriais do Açu conducts the operations of water production, treatment and distribution in the port. Through robust management and accompanied by a specialized team, the company invests in scientific knowledge on the hydrological system of the port region, allowing operational management that ensures the sustainability of the use of water resources.

[Learn more about water management in the Environment and Climate chapter.](#)



Reserva Ambiental Fazenda Caruara S.A.

Porto do Açu Operações, through the Reserva Ambiental Fazenda Caruara S.A., is responsible for managing the Caruara Private Natural Heritage Reserve (RPPN) aimed at enhancing the reserve's results for the region and investing in ecosystem services, the company invests in expanding its portfolio of environmental and educational services and scientific research, in addition to structuring its contribution to sustainable tourism in the region.

[Learn more about Caruara in the Environment and Climate chapter.](#)



NEW BUSINESS DEVELOPMENT

Aiming to ensure the orderly occupation and sustainable development of Açú, Porto do Açú Operações has developed its Master Plan, which defines urban, economic, and environmental criteria aligned with the municipal zoning* and the CODIN** regulations with a horizon up to the year 2050. The defined criteria provide the guidelines for the location of different types of industries seeking possible synergies and guiding the Company's planning for the implementation of land infrastructure, maritime and port developments, such as dredging works, land access, water distribution, sanitation, and energy.

* Master Plan of the Municipality of São João da Barra, including provisions on the macro-zoning of the municipality, by Municipal Law No. 357/2015.

** INTERNAL REGULATIONS OF THE INDUSTRIAL DISTRICT OF SJB - CODIN

The Industrial District of São João da Barra - DISJB created by State Decree No. 41.585 of December 5, 2008 and amended by State Decree No. 41.916 of June 19, 2009.

CREATION OF LONG-TERM VALUE AND CONTRIBUTION TO A LOW CARBON ECONOMY

In addition to serving as a connection point between sea and land, modern ports currently play an important role in accelerating the energy transition agenda and towards to a low-carbon economy. Given its role as an integration center between economic sectors, ports have a unique potential to facilitate the development of businesses that contribute to the decarbonization of the energy and industrial matrix.

In this context, the approval of the Sustainability Policy in 2020, aligned with the company's Strategic Planning, guides the growth of the port's operations through the development of sustainable and low-carbon businesses and the encouragement of sustainability in the global port logistics chain, aimed at consolidating Açú as a connection point to the rapid expansion of decarbonization worldwide.

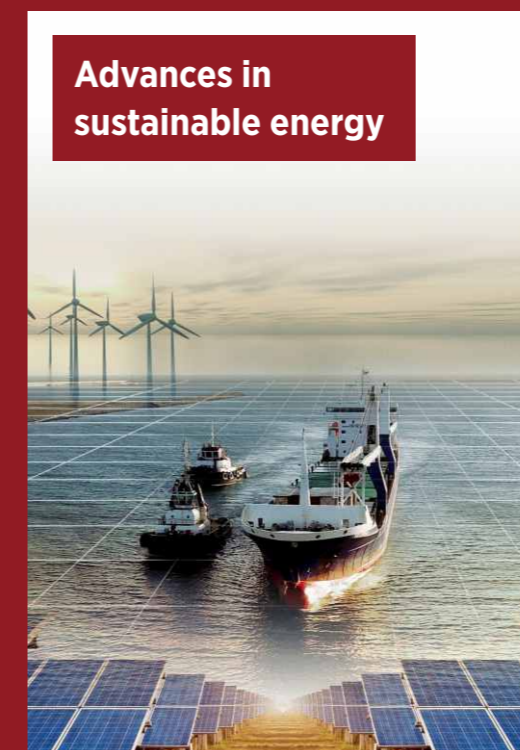


Cabotage expands frontiers

T-MULT started, in 2020, the cabotage navigation service at Açú, which uses ocean trains and reduces logistics costs, road traffic and carbon emissions.

The beginning of regular cabotage operations at the port establishes an integrated, efficient and safe connection between companies from the North Fluminense, Espírito Santo and Minas Gerais States with the entire world, through the T-MULT.

The initiative is the result of a partnership between Porto do Açú Operações and Companhia de Navegação Norsul, which will neutralize the remaining emissions through its Carbon Neutral Program.



Advances in sustainable energy

Throughout 2020, Porto do Açú Operações developed two important partnerships, formalized in the first quarter of 2021. With Equinor, it signed a Memorandum of Understanding (MoU) to jointly evaluate the development of a solar photovoltaic generation plant, in the Industrial Retro Area of the Port of Açú. With Fortescue Future Industries Pty (ITF) a subsidiary of Fortescue Metals Group (Fortescue), the MoU was signed for the development of hydrogen-based green industrial projects.

Solar photovoltaic generation is the fastest growing source of energy in Brazil and worldwide. The availability of green hydrogen and renewable energy should further boost the port's sustainable industrialization, including the production of green steel, fertilizers, chemicals, fuels and other manufactured industrial products.

FINANCIAL RESULTS 201-1

In 2020, the company maintained its focus on spending discipline and, due to the scenario of uncertainties as a result of the COVID-19 pandemic, concentrated its efforts on ensuring operational continuity and maintaining existing contracts with close proximity to its clients, in addition to reducing operating costs and administrative expenses. These actions were fundamental for the year's economic and financial performance above budget, resulting in net revenues of R\$ 214.125 million, which represents a minimal variation in relation to the 2019 result (reduction of 2.4%).

Regarding the optimization of operating costs and administrative expenses, the company opted to contain them, prioritizing essential expenses and those with positive social impacts, which generated a total operating cost of R\$47,722 million and administrative expenses of R\$ 103.478 million, representing savings of approximately 10% compared to the budget.

In addition, the company promoted cuts in the order of 20% in investments scheduled for 2020. These contentions allowed the company to close the year with a cash position of R\$ 103.158 million, approximately 340% higher than the previous year.

In 2020, the renegotiation of the long-term debt with the financing banks was finalized. As a result, it was possible to restructure the existing debt service flow, adjusting the payment flow to the company's cash generation and significantly reducing current liabilities and decreasing negative net working capital.

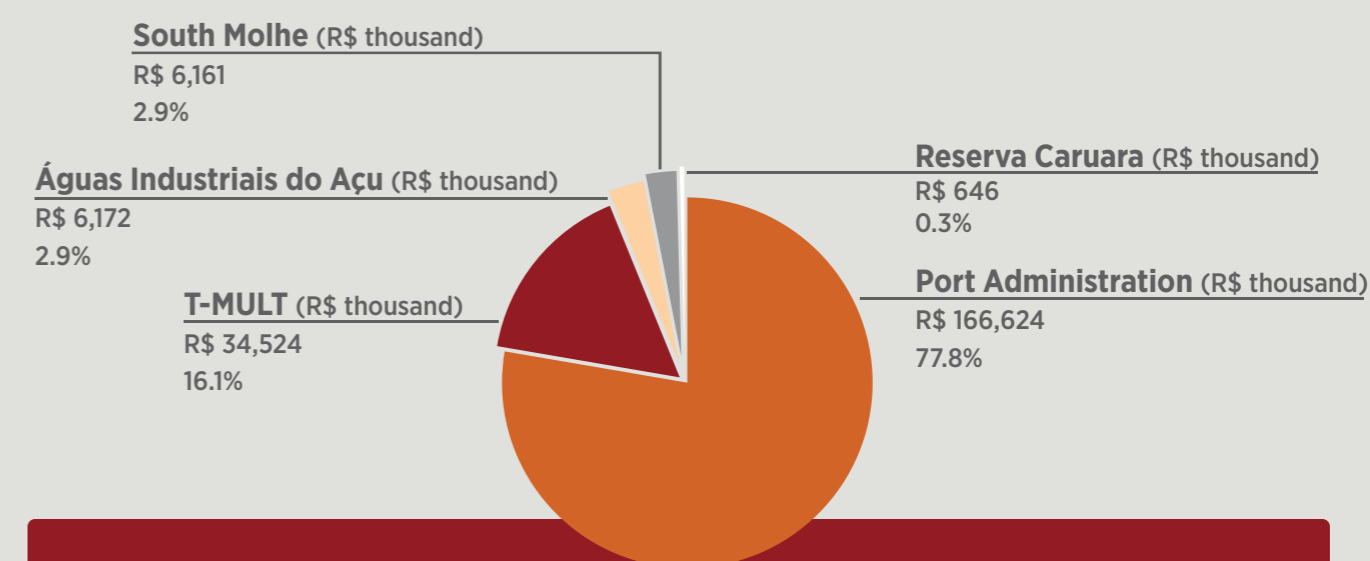
All commitments for the year relating to financing were honored, in addition to extraordinary amortizations made by the parent company Prumo Logística.

The financial statements are audited by KPMG Auditores Independentes (KPMG Brazil) since 2009, disclosed quarterly on the company's official website and published annually in major newspapers in the state of Rio de Janeiro.

¹ Referring to the Port's infrastructure implementation works, funded through long-term financing with banks and debenture holders.

Results for the financial year 201-1

DRE (R\$ thousand)	2018	2019	2020
Net Revenue	253,854	219,379	214,126
Operating Costs	-124,391	-46,302	-47,722
Depreciation	-107,335	-107,864	-121,859
Gross Profit	22,128	65,213	44,545
Administrative Expenses	-71,356	-85,165	-103,478
Other expenditures	-11,154	-11,190	-4,025
Financial result	-464,141	-510,065	-446,230
Taxes	-182,880	1,691	-29,194
Net Profit	-540,530	-517,136	-538,382
EBITDA	73,309	100,435	58,903



The company has five core businesses. Above, the net revenue of each of them, highlighting port administration (which includes area rental and terminal accesses) which corresponds to 78% of the total in 2020

Learn more in [the financial statements of Porto do Açú Operações](#)



GOVERNANCE AND COMPLIANCE



Porto do Açu Operações conducts business by adopting good corporate governance practices, following the guidelines of the Brazilian Institute of Corporate Governance (Instituto Brasileiro de Governança Corporativa - IBGC) and the guidelines of Prumo's Corporate Governance Policy, applicable to its subsidiaries. The governance model is based on the principles of ethics, transparency, equity, accountability, and corporate responsibility, aimed at generating long-term value for all stakeholders.

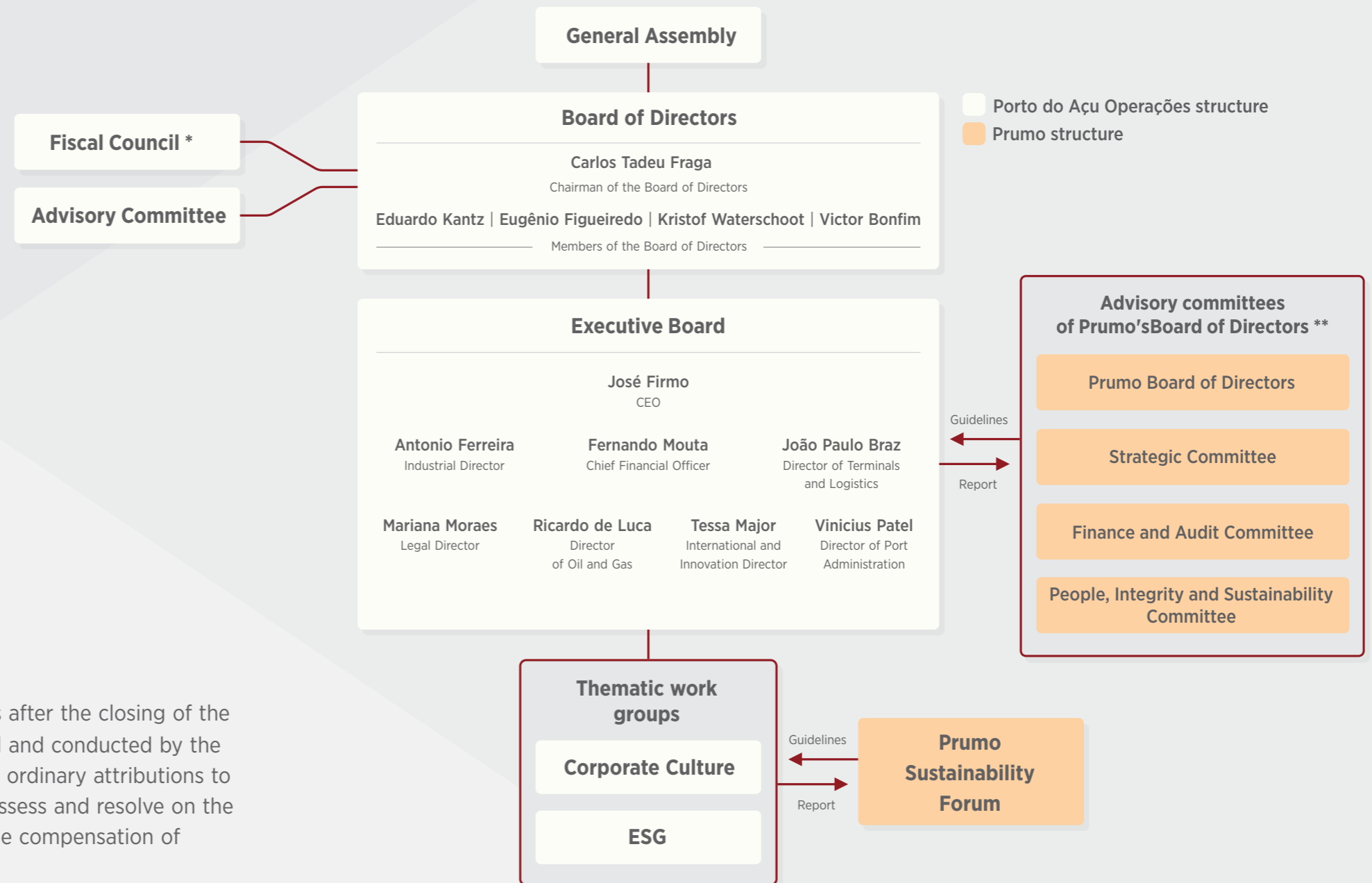
GOVERNANCE STRUCTURE 102-18

The Company's governance structure is formed by the Shareholders' Meeting, the Board of Directors, the Executive Board and non-permanent Fiscal Council, according to the attributions established in the Bylaws. Porto do Açú Operações also has an Advisory Committee and thematic work groups (WG) aimed at achieving the company's strategic goals, with the ESG WG and the Corporate Culture WG currently being installed. The governance model also includes integration with the structure of the shareholder Prumo, through participation in the Strategic, Finance and Audit and People, Integrity and Sustainability - PIS committees.

General Meeting - Meets ordinarily within the first four months after the closing of the fiscal year and extraordinarily whenever necessary and is installed and conducted by the company's Chief Executive Officer. The General Meeting has as its ordinary attributions to elect members of the Board of Directors and the Fiscal Council, assess and resolve on the financial statements, the allocation of net income and establish the compensation of management members.

Board of Directors - Formed in 2018, it is responsible for the guidelines and strategic planning of Porto do Açú Operações. An important link with shareholders, it controls and supervises the company's performance, indicates the composition and attributions of the Executive Board and acts jointly with it in the approval of policies and norms that guide the development of the business. The Board of Directors is composed of five members appointed by the shareholders, whose terms of office are annual and eligible for re-election. The Chairman of the Board of Directors is responsible for directing the work of the body and does not exercise executive functions at Porto do Açú Operações. Resolutions are taken by simple majority, at regular quarterly meetings and, when necessary, at special meetings.

Executive Board - Consisting of the Chief Executive Officer, a Chief Financial Officer and six other Officers divided into strategic areas for the company, whose terms of office last one year, and may be re-elected. Its current configuration was structured according to the challenges to be overcome by the company in the development of Açú, taking care of policy implementation. The Executive Board is responsible for implementing the company's policies, guidelines and activities, in line with the strategic planning. Moreover, it plays a crucial role in decision making, in the approval of major commercial negotiations and in the preparation of internal regulations for Porto do Açú Operações. The ordinary meetings are held weekly and their deliberations occur by simple majority.



* Body of a non-permanent character, currently not installed

** Reporting to the Prumo governance structure. One-off participation of Porto do Açú Operações

CORPORATE RISK MANAGEMENT 102-15 102-30 207-2

The company's risk management is structured according to ISO 31000 and COSO Enterprise Risk Management guidelines. Through annual action plans, the identification, evaluation and control of the measures necessary to manage operational, strategic, financial, compliance/legal and reputational risks are carried out. The results of the cycles are submitted for evaluation by the Board of Directors and the governance bodies of the shareholder Prumo.

ETHICS AND INTEGRITY 102-16 102-17 205-2 205-3

Acting with ethics and integrity is a commitment of Porto do Açú Operações, which maintains a transparent posture and observes the applicable legislation and regulations, in addition to following the requirements of the Code of Conduct and Anti-Corruption and Prumo's Compliance Standard. Through these and other regulations, anti-corruption and anti-bribery practices and respect for free competition are established, as well as measures to prevent conflicts of interest and unacceptable conduct in the workplace. These commitments are required of employees, suppliers and representatives of Porto do Açú Operações, and guide the relationship with investors, clients, community and government.

The General Management of Audit and Compliance of shareholder Prumo directs the ethics and conduct issues and reports actions to the Presidency, the Finance and Audit Committee and the PIS Committee. Created in 2015, Prumo's Compliance Program applies in full to Porto do Açú Operações and is based on four pillars of action: prevent, identify, respond and improve, based on actions, tools and procedures incorporated into the company's routine, among which we highlight the following: Whistleblowing channel and follow-up on reports, communication plans and training, and background checks.

IIA May Brazil 2020 Award

Prumo's Internal Audit Program, applicable to Porto do Açú Operações, received an award from the Institute of Internal Auditors of Brazil (IIA Brazil) concerning the best actions to raise awareness on the internal audit in 2020. The recognition was held at the 40th Edition of the Brazilian Congress of Internal Auditing - CONBRAI 2020.



[Learn more](#)

Capacity Building

The promotion of a culture of integrity within the scope of the Compliance Program also occurs through training. The guidelines of the Code of Conduct and Anti-Corruption are informed to newly hired employees and, from the training conducted via the virtual platform of NIDUU and Compliance Week, recycling is conducted with the workforce. In 2020, the specific training for leadership was attended by seven of the company's eight directors (88%) and 262 employees (89% of the total) participated in compliance training.



Photo produced before the pandemic period

Year	Total number of employees	Total number of people trained	Percentage
2018	306	162	53%
2019	300	156	52%
2020	296	262	89%

Whistleblowing Channel

External and independent channel for reporting violations of the Code of Conduct and Anti-Corruption, laws, regulations, and internal norms. Reports can be made anonymously or identified, by phone or website, 24 hours a day, every day of the week.

In 2020, 24 reports were received by the channel. The average time taken to investigate complaints was 44 days, below the market average of 46 days (ICTS* data) and generated 45 action plans, which contributed to the strengthening of the Compliance Program through the improvement of processes and maintenance of the ethical culture.

Annual history of complaints received



Average time of resolution:



Complaints received - 2020



* A pioneer in the implementation of whistleblowing channel operations in Brazil, ICTS is a Brazilian consulting, auditing, technology and services company, with extensive

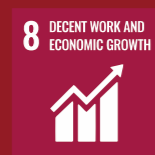
canalconfidencial.com.br/prumologica





SAFETY

403-1 403-2 403-3 403-6 403-7 403-10 410-1 416-1



Safety is part of Porto do Açu Operações values of and is a pillar of its Sustainability Strategy. With the ambition of becoming a benchmark for the port sector, the company works to continuously improve its results and promote a safety culture, encouraging collaboration among the port community.

In 2020, the company promoted actions to strengthen the safety culture through integration with port users, partners, clients and suppliers. Made investments in improving operational risk management and emergency preparedness, coordinating the consolidation of the Mutual Aid Plan for the Port of Açu (*Plano de Auxílio Mútuo - PAM*). The Road Traffic Safety Program with the port community and local municipalities was restructured and expanded. In order to improve its processes, the management system was revised and investments in campaigns and training in virtual and remote models were intensified, to meet COVID-19 pandemic restrictions without losing focus on risk management and accident prevention.

HEALTH AND SAFETY MANAGEMENT

Health and safety management is structured with a focus on **prevention and anticipation** and is based on global best practices. Its processes aim to protect life and the environment through the **identification and efficient control of risks, compliance with applicable legislation**, operational control procedures and measures appropriate to the activities, constant management of contractors and maintenance of asset integrity. To ensure fast and efficient response, the company manages a robust **emergency response** structure integrated with the port community. The identification and treatment of deviations in a systemic way, as well as the incorporation of lessons learned identified in incident investigations, allow the improvement of operational routines and the construction of a safer work environment. The routine evaluation of its results, carried out by means of performance indicators and audit cycles, allows the company to act in the continuous improvement of its health and safety management system.

Aiming to consolidate the safety and "zero accidents" culture, Porto do Açu Operações invests in the disclosure of knowledge and information to its employees through **campaigns, training and qualification**.

To support the implementation of all these processes, the company has in its structure a dedicated health and safety team, which operates in an integrated manner with the Internal Commission for Accident Prevention/Internal Commission for Accident Prevention in Port Work (CIPA/CIPATP) and its other areas.

SAFETY CULTURE IN THE REMOTE MODEL

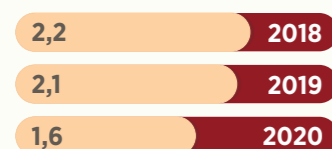
Due to the 2020 COVID-19 pandemic, the company reinvented itself and adapted its internal campaigns to the virtual model, allowing the maintenance of space for discussion and reflection on content related to safety and quality of life. The virtual model was consolidated and allowed the participation of employees to be expanded, which represented **2,296 man-hours of awareness raising in the year**, between campaigns and dialogues, contributing to the exchange of information and the constant reinforcement of the safety culture. The 9th edition of the Internal Week for the Prevention of Accidents in Port Work (SIPATP) organized by CIPA/CIPATP was successfully carried out. The new remote model has expanded participation by both own and outsourced employees, including those on remote work, totaling 992 man-hours of awareness-raising, with reference lectures on topics on "Prevention, Safety and Quality of Life".

ACCIDENTS AT WORK 403-9

The company has the ambition to reach the zero-accident mark and its results translate the efforts to strengthen its safety culture. **The year 2020 was concluded with no occurrences of lost time injury incidents** and, therefore, the LTIF rate (Lost time Injury Frequency Rate) equal zero. The occurrence of an accident without lost time resulted in a TRIF (Total Recordable Incident Frequency Rate) of 0.63. The result represents a 29% decrease compared to 2018 and a 29% increase compared to 2019.

Millions of man-hours worked

Employees and contractors



N. of lost time injury incidents



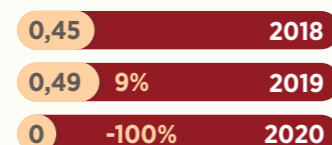
N. of accidents without lost time



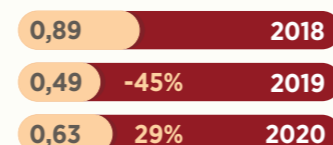
N. of fatal accidents



Lost time injury frequency rate - LTIF*



Total Recordable Incident Frequency Rate- TRIF**



Since the beginning of its activities, the Porto do Açu Operações has not recorded any deaths among employees and contractors, at the service of the company. In all, in the years 2018 to 2020, there were four injury accidents involving contractors. The company constantly invests in the safety management of contractors, intensifying its operations and seeking to improve their processes and results.



Multicargo Terminal completes four years without accidents

In 2021, Porto do Açu Operações reached the four-year mark (4.163 million man-hours worked) without recordable accidents, and five years (5.696 million man-hours worked) without lost time accidents in T-MULT operations.

The positive results were achieved through the involvement, commitment and safe attitude of all those involved, leaders and operational teams, who spared no effort to consolidate an increasingly solid safety culture, prioritizing teamwork and supported by considerable investments in infrastructure and equipment.

* The accident rates consider employees and contractors of Porto do Açu Operações and are calculated based on 1,000,000 man-hours worked.

** TRIF covers accidents with medical treatment (TCM) Accidents with Work Restriction (RWC) accidents with leave of absence (LTI) and fatal accidents.

ROAD TRAFFIC SAFETY PROGRAM

Aiming to contribute to the reduction of road traffic accident rates in the port region by 2020, Porto do Açu Operações has restructured its action plan on the subject to expand its activities through investments in education and awareness campaigns, including the review and implementation of new internal regulations, monitoring of roads, improvements in infrastructure and road signs, carried out within the scope of the Traffic Safety Program.

The education and awareness campaigns, carried out in partnership with other companies installed at the port and local institutions, have so far reached over **8,000 participants** among employees, residents, students and drivers in the region. The actions involved lectures and educational blitzes, dissemination of messages and information material, installation of signage and billboards.

2020:

2020:	Institutional partners:
10 speed control blitzes , with application of warning and educational reinforcement	Municipalities of São João da Barra and Campos dos Goytacazes
113 hours of defensive driving training for own employees	Federal Highway Police (PRF) and the Highway Police Battalion (BPRV)
487 hours of training for contractors	SEST Senat
R\$ 1.8 million in maintenance of road infrastructure and signage at port accesses	Transport and Logistics Cooperative of São João da Barra (Cooperlog SJB)



Photo produced before the pandemic period

EMERGENCY PREPAREDNESS AND RESPONSE

The correct management structure and the appropriate dimensioning of resources for an efficient response are the pillars of emergency management. Based on existing good practices, the company adopts the ICS methodology (Incident Command System), aimed at ensuring efficient management and response structure, with documentation of its procedures through Emergency Plans.

To meet the emergency scenarios mapped out, Porto do Açu Operações maintains a structure and team dedicated to prevention and response to victim rescue and medical evacuation, building, industrial and forest fires, chemical product leaks and oil spills at sea.

MUTUAL AID PLAN (PLANO DE AUXÍLIO MÚTUO - PAM)



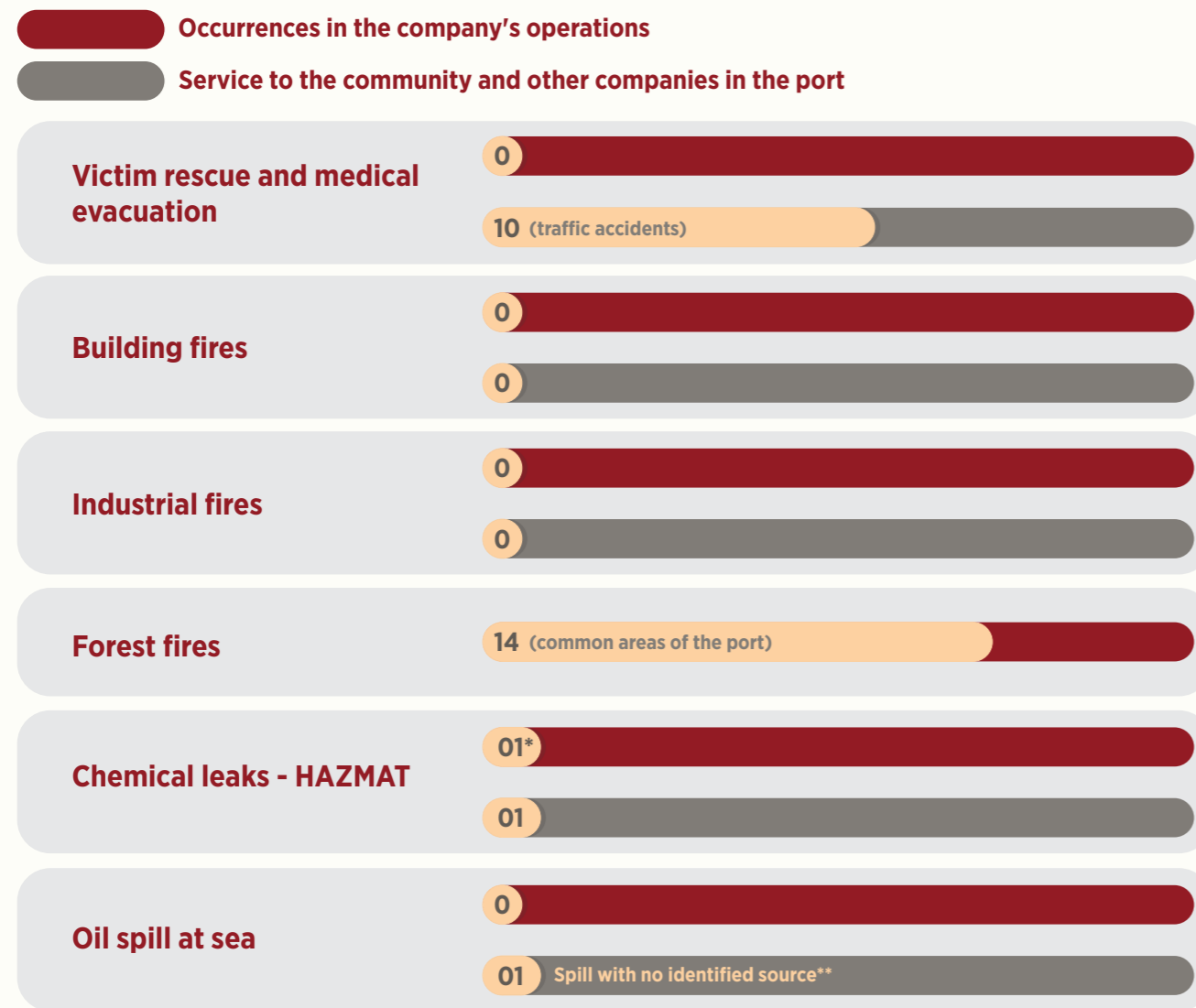
With the objective of providing greater speed and efficiency in responding to emergencies, the PAM defines the rules for integrated action by the emergency teams of the companies installed at the port. It also plays an important role in promoting synergies and the adoption of best practices among companies, contributing to the safety of Açu's operations.

Drills - emergency response preparedness

To ensure proper preparedness for emergency management and response, in addition to proper training, emergency drills involving communication and resource mobilization exercises are held according to an annual calendar. Since 2018, the company intensified its calendar, increasing by 40% the volume of drills in the year.

Drills performed	2018	2019	2020
Number	15	11	21
% of planned	100%	100%	100%

2020 | Performance of the Port Administration emergency response teams in numbers



* Small leak, in a contained area, without reaching the ground or water resources.

** appearance of oily substances at Terminal 2 navigation channel whose source was not identified or responsibility claimed.

MONITORING AND FIGHTING FOREST FIRES

Through the emergency brigade and with the support of the other companies at the port, the company monitors and responds to forest fires that occur in the region, aiming to protect the community, employees, the environment and the assets of the port. In 2020, **14 occurrences and 32 hours** of assistance were recorded, with a total of 214,204 m² of area affected by fires. The causes, often difficult to determine, are related to anthropic action, intentional or not, generating fire outbreaks that can extend over large areas, mainly during the drier periods of the year. To reduce incidences, Porto do Açu Operações conducts recurring campaigns with port users and the local community.

OIL SPILLS AT SEA

Açu has an Emergency Response Base (BPAE) For the response of accidents involving oil spills at sea. In addition to besides the resources foreseen in the scope of the BPAE, Porto do Açu Operações has contracts with a specialized company for the immediate response to oiled fauna and management of solid waste generated in the responses.

Response procedures are defined through the Oil Spill Response Plan (*Plano de Emergência Individual - PEI*) prepared in compliance with Conama Resolution 398/2008 and approved by INEA. Through the VTS Centre, all occurrences of oil at sea can be reported by any observer, allowing the quick and immediate triggering of the response structure.

The preparation of the Port of Açu Area Contingency Plan began in December 2019, coordinated by INEA* and with the participation of all operating terminals, as well as related institutions - Brazilian Navy, Civil Defense and IBAMA. The Area Contingency Plan will strengthen integration between companies and further cooperate to improve emergency management processes, contributing also to the National Contingency Plan (*Plano Nacional de Contingência - PNC*), in the light of Brazilian law 9.966/2000.

In 2020, **three years were completed without accidents with oil spills at sea** in the activities of Porto do Açu Operações, a result that shows the effectiveness of preventive actions and integrity management.

Response to the oil spill off the Brazilian coast in 2019

Faced with the oil spill incident off the Brazilian coast in 2019, Porto do Açu Operações coordinated a task force for the Preparedness and Response to the arrival of the material at the port, aimed at ensuring the safe continuity of its operations and contributing to the protection of local ecosystems.

The task force counted on the integration between different agents, including terminals and port users, local community and municipal government, Brazilian Navy and State Environmental Institute (INEA) as well as the participation of the port in the Special Work Group (GTE) of Rio de Janeiro, responsible for crisis management in the state.

The company's performance showed, in face of an unprecedented scenario, the importance of its role as an agent of articulation for a safe and collaborative environment and the result of years of work in maintaining an adequate and efficient Emergency Management structure. This continuous and joint work has been recognized, in 2020, by IAPH, with the International Sustainability Award, in a category competing with traditional ports from around the world.







*INEA (Instituto Estadual do Ambiente) - State Institute of the Environment



PEOPLE AND COMMUNITY

102-40 | 102-42 | 102-43

4 QUALITY EDUCATION 	5 GENDER EQUALITY 	8 DECENT WORK AND ECONOMIC GROWTH 	10 REDUCED INEQUALITIES 	17 PARTNERSHIPS FOR THE GOALS 
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Local development and **valuing people** are commitments of Porto do Açú Operações provided for in its **Sustainability Policy** and reflected in its **corporate values**. Since the beginning of its activities, the company has focused on dialogue and engagement with stakeholders, promoting integration with the local community and strengthening the corporate culture. These actions are currently led by different areas of the company: Institutional Relations, Community Relations, Supplychain Management and Human Resources.

In 2020, the challenges related to the sustainable development of Açú were added to the context of the COVID-19 pandemic. The actions undertaken sought to adapt ongoing strategies and include new initiatives in order to ensure the maintenance of port operations and, at the same time, the safety of the community and port users.

VALUING PEOPLE

The development of an ethical, diverse and inclusive work environment is an ongoing process that is being built in line with internal climate surveys and from the guidelines of the company's **Corporate Culture Work Group** and Prumo and its controlled companies **Culture, Engagement, Diversity and Inclusion Work Group**. As guidelines for these fronts, the process of strengthening the culture is being implemented through workshops, granting of additional benefits to employees and leadership training.

In 2020, the efforts to ensure the well-being of people were intensified and supported by the four internal climate surveys conducted to assess the impacts of the pandemic context on employees. In response to the demands requested in these surveys, the following specific actions have been implemented:

- Remote work for all administrative teams and preventive measures for operational teams **ACCESS**
- Additional care and benefits incorporated into the Quality-of-Life Program, including psychological support
- Financial and material support
- Adaptation of training through the adoption of an online platform







Photo produced before the pandemic period



Porto do Açú Operações seeks to attract primarily local talent and encourage the same behavior in all companies installed at the port. The Employability Network (Rede de Empregabilidade), a platform managed by the company, promotes the connection between workers in the municipalities of São João da Barra and Campos dos Goytacazes and job opportunities offered at the port. The program includes lectures at schools and universities and workshops in the surrounding communities, which aim to present how the recruitment and selection processes work and support the understanding of young people in the region about the possibilities of working in the labor market, through sharing the experience of professionals who are references in their fields. As a result, Porto do Açú Operações closed the year 2020 with 80% local labor in its workforce.

Main action fronts:

- 
Integrated registration of résumés of local workers - through the website trabalheconosco.vagas.com.br/rede-de-empregabilidade
- 
Consultancy in the selection processes of the companies installed at Port of Açú, through the selection and screening of résumés of the Employability Network
- 
Consolidation and monitoring of employability data at the Port of Açú, for the use of professionals in other projects developed at the port
- 
Engagement and local development, starting in 2019, with a cycle of lectures and workshops that promote the empowerment of the local community, in partnerships with educational institutions in the region

In 2019, five workshops were held, with 233 community members, focused on employability and the job market, as well as 17 lectures with the sharing of experiences of port professionals for 2,005 people. In 2020, the lecture cycle was suspended in the first semester and adapted to the virtual model in the second semester. In all, 12 lectures were held with 1,700 young people from universities in Norte Fluminense.

Percentage of local labor *

2018	Campos dos Goytacazes	43%
	São João da Barra	33%
2019	Campos dos Goytacazes	44%
	São João da Barra	34%
2020	Campos dos Goytacazes	47%
	São João da Barra	33%

Partner educational institutions:

- Universidade Federal Fluminense (UFF)
- Centro Universitário Fluminense (UNIFLU)
- Instituto Federal de Educação, Ciência e Tecnologia Fluminense (IFF)
- Núcleo Avançado do Instituto Federal Fluminense de São João da Barra (IFF-SJB)
- Faculdade Redentor de Campos (UniRedentor)
- Instituto Tecnológico e das Ciências Sociais Aplicadas e da Saúde do Centro
- Educacional Nossa Senhora Auxiliadora (ISECENSA)
- Universidade Candido Mendes (UCAM)
- Universidade Estadual do Norte Fluminense Darcy Ribeiro (UENF)

* Employees who already lived in the municipalities of Campos and São João da Barra prior to being hired to work at the Port of Açú

Diversity and Inclusion

Porto do Açu Operações believes in valuing different ideas and does not tolerate any kind of discrimination in the work environment, as provided in its Code of Conduct and Anti-Corruption. The company has a channel for anonymous reporting.

In 2020, the company structured its Diversity and Inclusion Strategy*, connected to the Sustainability Strategy and the guidelines of the **Human Resources Policy** [ACCESS](#) and the **Prumo Logística Diversity and Inclusion Manifest** [ACCESS](#). Actions aimed at promoting a diverse and inclusive work environment are carried out in synergy with the Culture, Engagement, Diversity and Inclusion Work Group, composed of Prumo and its controlled companies. This year, efforts were directed at strengthening the culture of diversity among employees, with virtual lectures with external guests, addressing issues related to cultural diversity, gender, race and empowerment, reaching the participation of 30% of the staff. Over the next few years, the company will expand these efforts.

Continuing the implementation of the strategy, over the next few years, actions will be intensified to promote awareness, adoption of additional diversity criteria in selection processes and the formalization of the company's Diversity and Inclusion Standard.

Gender equity

Gender equity is one of the great challenges in fostering diversity, especially in port operations, due to the predominantly male nature of this sector. Porto do Açu Operações recognizes its role in this journey in search of equity, with the responsibility of stimulating actions throughout the port community. In this sense, the female representation in the Vessel Traffic Service (VTS) of Port of Açu contributes directly to this agenda. **Of the nine professionals operating the VTS, eight are women, in line with the quest to promote an egalitarian environment at Açu.**

* The Diversity and Inclusion Strategy was formally approved in January 2021

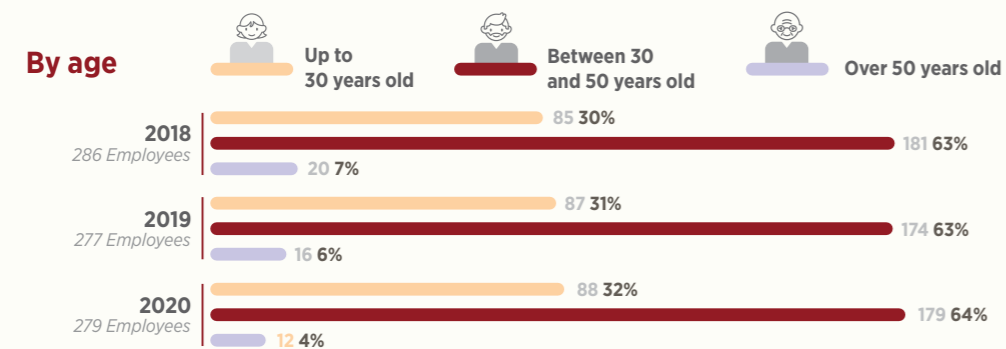
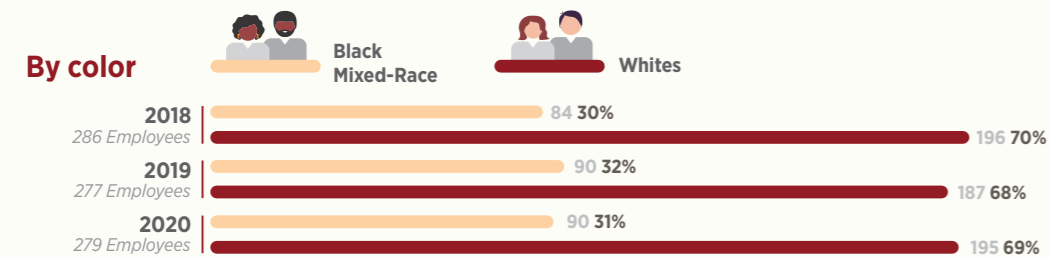
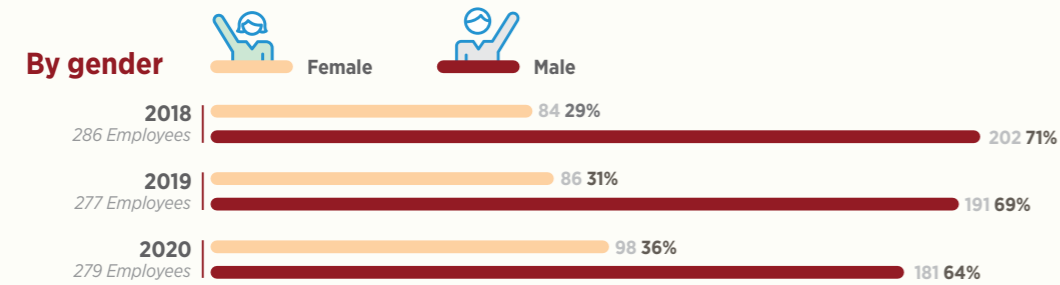


Organizational Profile 102-8 401-1

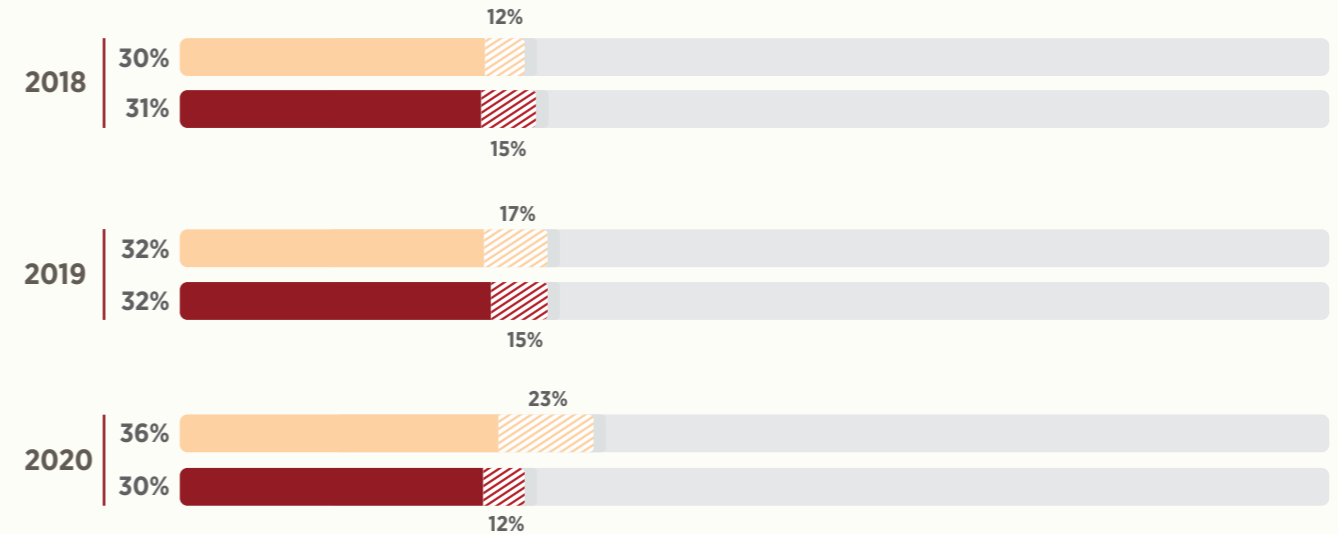
Porto do Açu Operações closed 2020 with 296 employees, including 13 interns, 3 young apprentices and 1 temporary employee.

Total number of employees by employment contract (permanent)

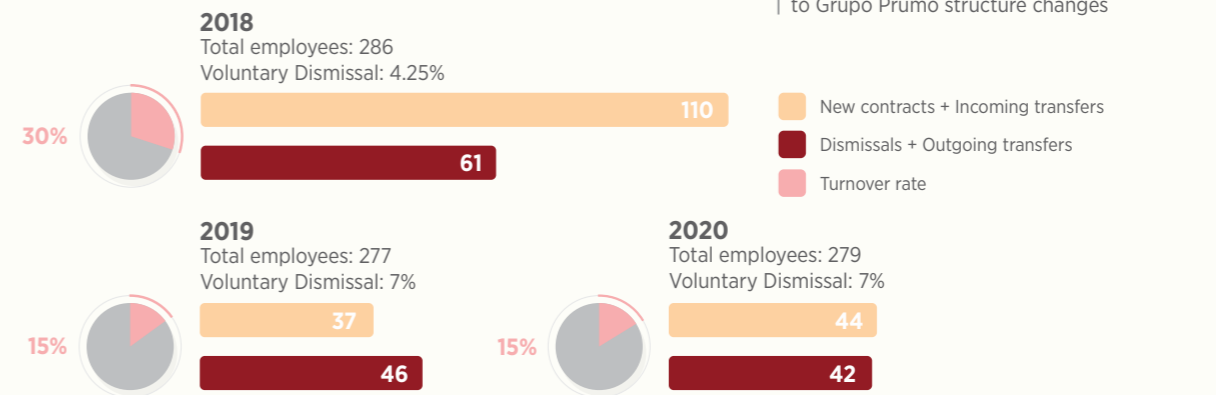
Does not include short-term contracts (temporary, young apprentices and trainees) as these do not represent the long-term evolution of diversity in the company



Women and Black/Mixed-Race in leadership



Turnover rate (CLT and Statutory)

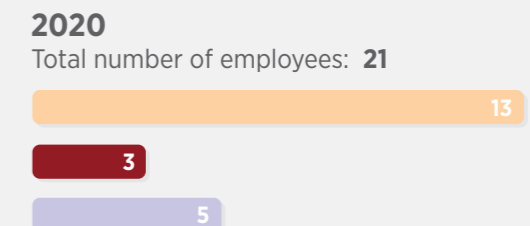
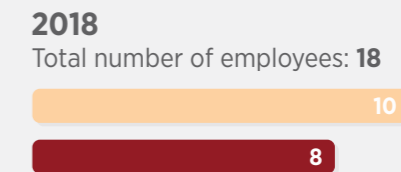


Young talents - The company has three specific programs to attract young talent, with opportunities to work at the Porto do Açu Operações in São João da Barra or in the Rio de Janeiro office.

Trainee Young apprentice Trainee*

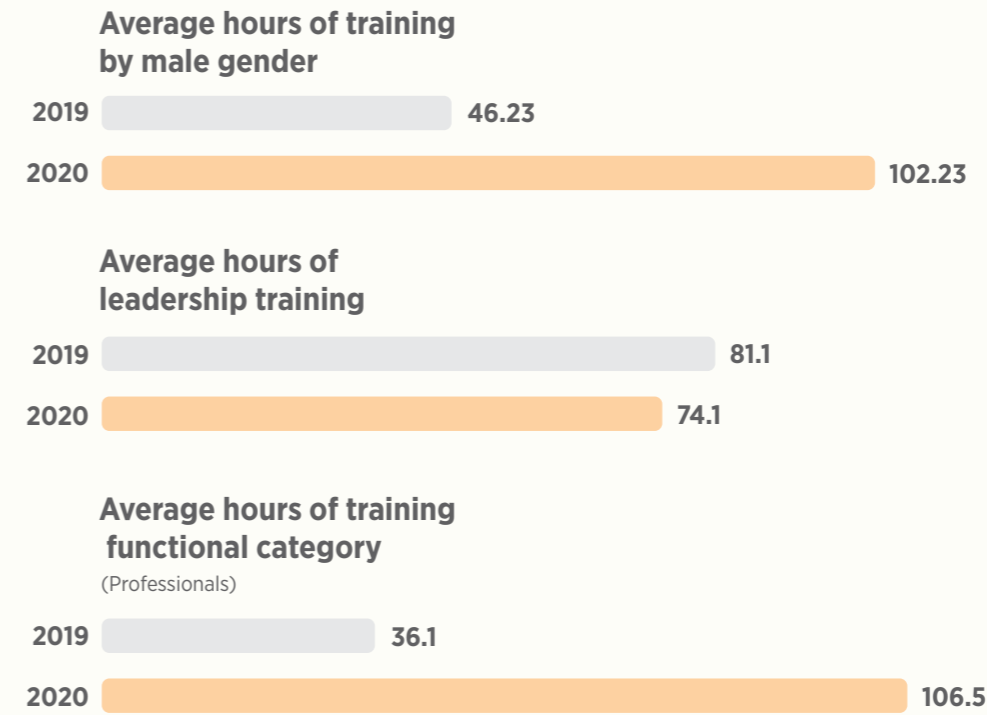
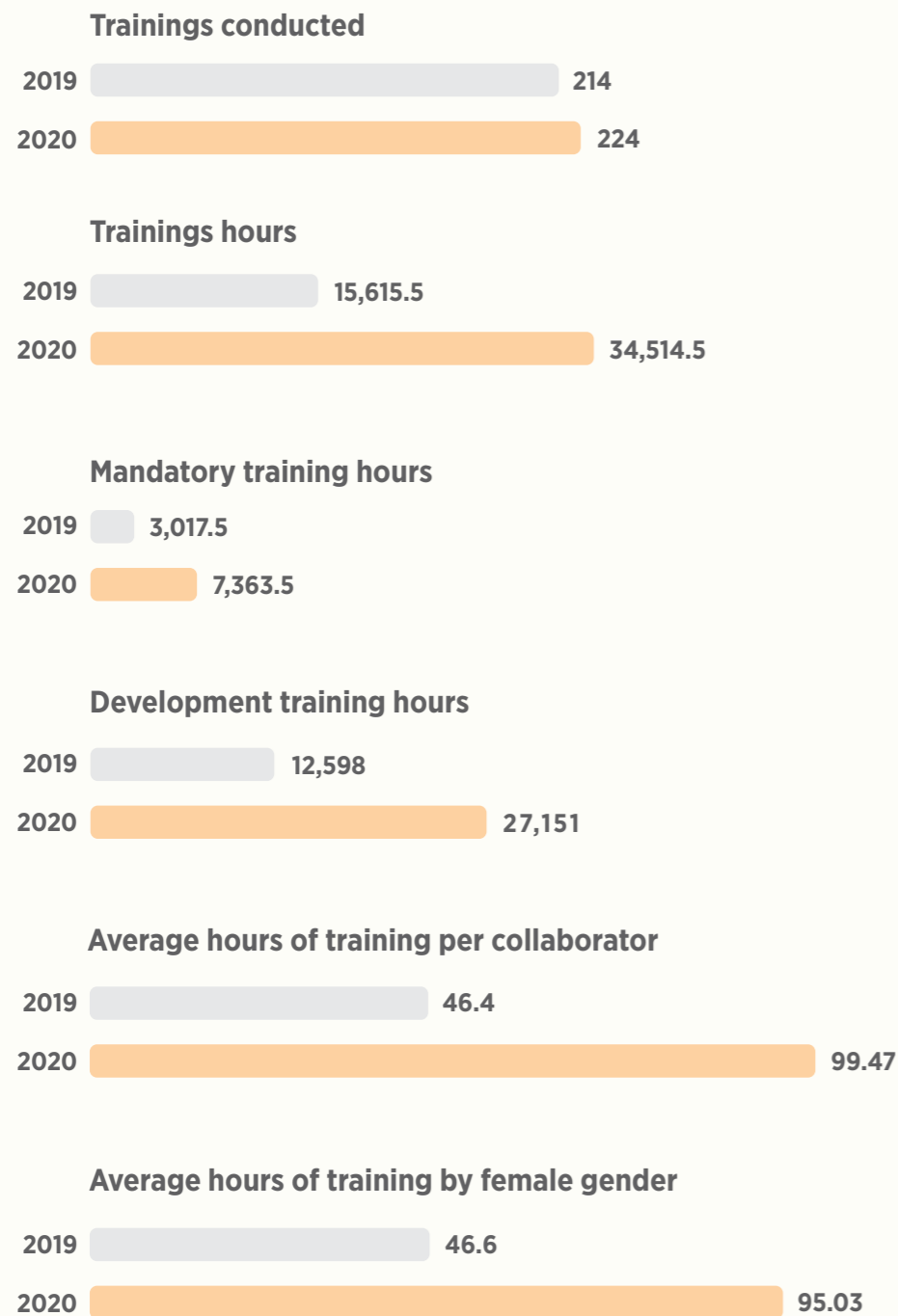


* Program started in 2019, with 5 trainees joining the company in 2020



Training and Development 404-1 404-2 404-3

Porto do Açú Operações development programs encompass all collaborators and allow for the offer of constant training to professionals, through mandatory training and competency development. In the year 2020, actions were adapted to the pandemic context, through the adoption of an application for development in a virtual environment. The tool allowed for greater flexibility in conducting training, which contributed to a **114% increase in the average number of training hours per collaborator compared to 2019.**



Performance management

Another important development tool, the **evaluation and performance management process** covers 100% of collaborators at all levels. Currently, it consists of two evaluation cycles per year, through which collaborators receive feedback and support from managers for the preparation of their individual development plans. The performance of the professional and the result of the company's corporate goals make up an attractive overall reward structure for collaborators, which varies according to the individual performance of the employee and the corporate result.

Labor and trade union relations 102-41

At Porto do Açú Operações, collective bargaining is valued and the role of the unions representing collaborators is recognized. All collaborators are covered by collective bargaining agreements and have their right to free trade union membership guaranteed. Annually, four collective bargaining agreements are negotiated with the unions, based on social and economic clauses, work shifts and the Profit Sharing Program (Programa de Participação de Resultado - PPR). In 2019 and 2020, collective bargaining was completed within the base date.

Health promotion and well-being 401-2

The collaborators of Porto do Açu Operações are encouraged to establish a balance between work and personal life through the Quality-of-Life Program, which includes benefits for the promotion of health and well-being. The benefits are extensive to all collaborators, including temporary and part-time, some of which are established through collective bargaining agreements.

PROGRAMA DE QUALIDADE DE VIDA

Pillars of the Porto do Açu Operações Quality-of-Life Program

Physical Health

- Health and dental insurance
- Life Insurance and Funeral Aid
- Employee Health Support 🇧🇷
- Telemedicine 🇧🇷
24/7 medical support, with remote assistance and follow-up
- Monitoring Risk Groups 🇧🇷
- Expanded Testing Campaigns 🇧🇷
- Meal aid and food aid
- Ergonomics
- Laboral Gymnastics
- Financial support for physical activities through Gympass
access to gyms, studios and online classes

Mental health

- Living Psychology: online psychological consultation 🇧🇷
- Internal communication: pandemic update information 🇧🇷
- Employee Assistance Program
Psychological, Legal and Financial Guidance

Balance

- Guidelines for social isolation 🇧🇷
- Virtual work and financial support 🇧🇷
- Extension of maternity* and paternity** leave
- Flex Time: flexible and mobile workday for collaborators at the headquarters in Rio de Janeiro
- Birthday day-off
- Day care/ babysitting allowance

In 2020, seeking to support collaborators facing the COVID-19 pandemic, additional benefits were granted.

* 180 days total | ** 20 days total



Photo produced before the pandemic period

COMMUNITY 413-1 413-2

The development of Açú as an investment attraction vector for Brazil and the Norte Fluminense region is a priority for the company. The port contributes to tax collection, as well as to the generation of employment and income and, even with the context of the pandemic, **Porto do Açú Operações generated R\$ 2.6 million in ISS (Service Tax) and hired 57 people in 2020.**

The Company seeks to maintain a constant and transparent dialogue with stakeholders, to understand their expectations and needs, connecting them to the development of business at Açú. In the capacity of port administrator, the company also aims to evaluate and manage the impacts of Açú's operations in the region and to foster relationship and interface actions with the local community.

The action involves the approach through informative channels, dialogue actions and the implementation of social projects and development of local suppliers. In 2020, the focus was on continuing engagement actions, adapting them to the virtual model in function of the pandemic.



Dialogue channels and social projects

Through information on social networks and media, local radio stations and the printed newspaper "Por Dentro do Açú", made available to various local stakeholders - community members, associations, municipal offices of São João da Barra, schools and universities -, the company maintains a flow of updated information on the development of the Port of Açú. In addition to these informative channels, Porto do Açú Operações also establishes dialogue channels and carries out actions through projects developed within the scope of environmental licensing processes, as the Social Communication Project and the Environmental Education Project, as well as volunteer activities focused on local development.

Contact us Channel 102-53

Porto do Açú Operações provides free channels (website and 0800 phone line) to meet the demands, complaints, compliments, and requests of the community. Registrations can be made confidentially and are answered by the company within seven business days. According to the demand received, action plans are also developed for service.

- Telephone line (daily, 7am - 8pm): **0800 729 0810**
- Website: Talk to the Port of Açú **canalconfidencial.com.br**

Since the implementation of these channels in 2013, the largest number of demands are searches for job opportunities and suppliers. This trend has been maintained over the last two years.

	Total	Requests	Complaints	Suggestions	Compliments
2018	1,108	1026	43	37	2
2019	323	307	5	11	0
2020	401	355	7	37	1

Portodos Visiting Program

The result of a partnership between the Port of Açú and the City of São João da Barra, Portodos aims to bring the local community closer to Açú, through guided tours of the port areas, promoting interaction and engagement.



Since its implementation in 2009, the program has recorded more than 10,000 visitors among students, residents of the surroundings, fishermen, associations and representatives of public authorities of the municipalities of Campos dos Goytacazes and São João da Barra. In 2020, due to the COVID-19 pandemic, visits took place only in the months of January and February. In this context, Porto do Açú Operações produced a **virtual experience** to mirror the guided tour, allowing people to navigate and learn about the various areas of the port. Upon control of the COVID-19 pandemic, face-to-face visits will be resumed.

Portodos Visiting Program



ParticipAÇU - Community monitoring program

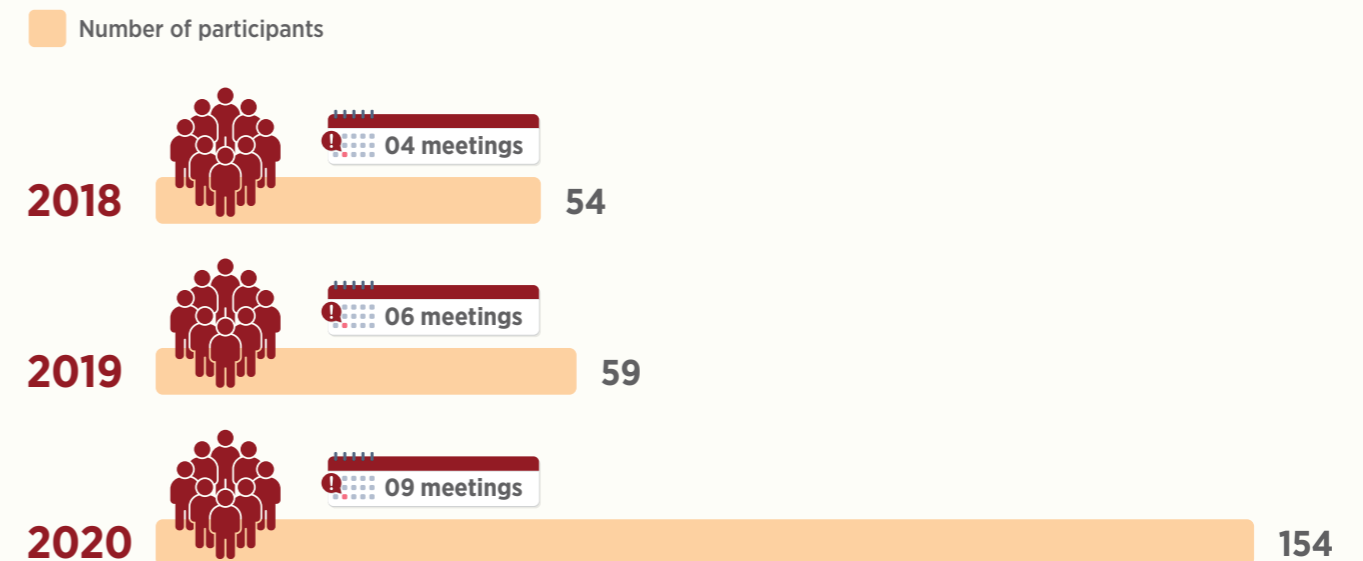
Created in 2019, this program seeks integration and dialogue with the population, civil society and the public sector and involves participatory consultations on issues of common interest, carried out by 17 youths from the local community who received training in social issues and research methodology. In 2019, 386 people living in communities near the port were interviewed. In 2020, the actions were adapted to the context of the COVID-19 pandemic, involving the implementation of virtual activities, including six debates (lives) with 108 participants and interviews with 250 local community representatives. The results of these participatory consultations are being shared with the community and will contribute to the construction of joint solutions for the region, guiding the decision making and planning of Private Social Investments of Porto do Açú Operações.

Community committees

These are discussion forums in which the development of Açú and the region are addressed, establishing a channel for dialogue and permanent relationship with the community, through meetings with representatives of localities in São João da Barra. Since its inception, in 2015, **33 meetings were held with 473 participants**, including the committees of each community and the integrated forums for the discussion of topics of common interest.

In 2020, the activities took place in a virtual way, covering nine locations: Açú, Mato Escuro, Barcelos, Grussaí, Atafona, Sede, Rua Nova, Cajueiro and Pipeiras.

Community committees



Fishing forums

Fishing constitutes one of the main socioeconomic activities of the Norte Fluminense region, being essential to make its actions compatible with the development of the port. In this sense, the fishing forums captained by Porto do Açú Operações play an important role in communicating with the local fishing community, promoting interface and discussion on relevant topics with the three fishing colonies operating near Açú.

Its activities began in 2019, with meetings between members of the fishing colonies and representatives of the companies Porto do Açú Operações, Gás Natural Açú and Ferroport. In early 2020, new meetings were held including representatives of the Fishing Institute Foundation of the State of Rio de Janeiro (Fundação Instituto de Pesca do Estado do Rio de Janeiro - FIPERJ) and with the onset of the pandemic, the other activities planned for 2020 were interrupted, due to the need for the face-to-face nature of the interface with the fishery leaderships.

Local Development Council (Conselho de Desenvolvimento Local - CDL)

Created in 2018, the CDL is a voluntary discussion forum formed by representatives from various social spheres of the Norte Fluminense region with knowledge in different fields, such as academics, communicators, and representatives of organized civil society. Through co-creative meetings, the group has been discussing the main challenges for the region's sustainable development, aligned with the UN's Agenda 2030 and the growth prospects of the Port of Açu.



10 co-creative meetings and selection of themes of interest for Norte Fluminense from 2018 to 2020



Photos produced before the pandemic period

2020

Beginning of the action plan with action on three priority themes:

1. Strengthening of Education

Implementation of the 21st Century Schools project, aimed at training elementary and primary school educators in the municipality of São João da Barra.

— **Total participants:** 75 teachers from São João da Barra

— **Total Certificates:** 39 teachers completed the training

2. Social Observatory

Holding of 1st Social Observatory Forum, which brought together professionals with Observatory experience in Brazil. The objective was to exchange experiences aiming at the future customization of an observatory for the Norte Fluminense region.

— **Partners:** Federal Fluminense University Universidade Federal Fluminense - UFF) and Federal Institute of Education, Science and Technology Fluminense (Instituto Federal de Educação, Ciência e Tecnologia - IFF)

— **Total meetings:** 4 virtual meetings

— **Total hours and views:** 293 hours of viewing and 943 views

— **Impacted audience:** 81 people reached simultaneously, 71% of them in Campos dos Goytacazes

— **Final Proposal:** structuring of a platform to monitor the region's socioeconomic indicators

3. Sustainable entrepreneurship

Holding of the 1st Sustainable Entrepreneurship Meeting, which promoted debate and local articulation for the dissemination of good practices in the agriculture and food sectors, with the participation of institutions focused on sustainable entrepreneurship, municipal offices, universities, consumers, and researchers.

— **Format:** virtual

— **Duration:** three days

— **Participants:** 138 participants.

— **Highline:** the region's natural vocation for rural entrepreneurship, especially with the successful experiences of companies and industries that have managed to add value to their business by adopting sustainable practices

AbrAÇU Volunteer Program

The voluntary engagement of collaborators in social projects supported by Porto do Açú Operações reflects the commitment of people to the company's purpose of creating shared value through sustainable development.



Created in 2017, AbrAÇU involves the actions of collaborators of Porto do Açú Operações and other port companies in the development of solutions to problems and challenges of society - in particular, for people and groups in situations of social vulnerability. Among the campaigns carried out, the highlights are the collection and donation of food, clothes, toys and books, cultural activities in public schools and blood donation.

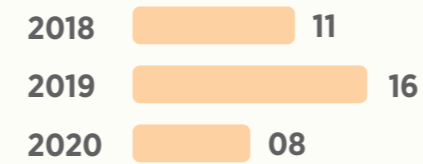
In 2020, although no face-to-face activities were held due to the COVID-19 pandemic, there was the engagement of 250 volunteers from the port, participating in five actions, which benefited 2,012 people from 8 institutions.



N. of actions carried out



N. of institutions benefited



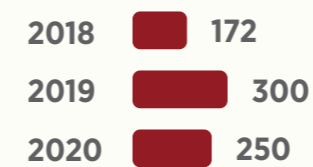
N. of partners



N. of people benefited



N. of volunteers



Creation of the São João da Barra Industrial District (Distrito Industrial de São João da Barra - DISJB)

To boost economic development in the North Fluminense, providing synergies with the port and industrial projects under development in Açú, the State Government of Rio de Janeiro initiated the implementation of an industrial district in the municipality of São João da Barra. In this scenario, the State - through decrees* in the years 2008 and 2009 - declared of public utility, for expropriation purposes, an area of approximately 70km² for the installation of the São João da Barra Industrial District (DISJB). This process involved the performance of studies and technical opinions by the Rio de Janeiro State Industrial Development Company (Companhia de Desenvolvimento Industrial do Estado do Rio de Janeiro - CODIN) and generated 476 legal proceedings regarding the properties to be expropriated.

In the scenario of these expropriations, starting in 2011, Porto do Açú Operações, which already had a relationship with the local community, voluntarily proposed to the owners and possessors of areas located within the DISJB the acquisition of their properties, by payment of amounts established in the expropriation proceedings reports. This action allowed several owners and possessors to receive in advance the amounts due for the areas they occupied - without the need to wait for the unfolding of the legal proceedings -, thus minimizing the natural impacts of the expropriation process. In the context of these acquisitions, the company also assumed the costs with the regularization of the properties and the payment of taxes, allowing the expropriated parties to receive the amounts due without discounts.

In total, Porto do Açú Operações acquired in advance approximately 43.18 km² - equivalent to 62% of the total area of the DISJB -, anticipating payments to 282 owners and possessors. The other legal proceedings related to the remaining areas were processed through an expropriation process conducted by CODIN.

Besides conducting direct negotiations of the properties, Porto do Açú Operações has also been seeking to contribute to the maintenance of productive activities and to the continuous improvement of the living conditions of the owners, possessors and lessees of the rural areas that comprise the DISJB, through the **Production Assistance Program, Vila da Terra Resettlement, and the Fair at the Port Project.**

* Decrees 41.584/2008, 41.585/2008, 41.915/2009 and 41.916/2009

Production Assistance Program

In 2011, Porto do Açú Operações entered into a Technical Cooperation Agreement with CODIN and the Municipality of São João da Barra to benefit landowners, producers and tenants demonstrably occupying properties in the area of the DISJB with payments of 1 to 5 Brazilian minimum wages for 24 months. These actions aimed at maintaining the productive conditions and reached 269 registered beneficiaries, totaling, since the beginning of the project, R\$13.5 million** paid by Porto do Açú Operações.



** Amount as of November 2020

Vila da Terra Resettlement

As a way of contributing to the maintenance of the living standards of families who resided on properties that comprised the DISJB area, CODIN and Porto do Açú Operações, in partnership with the municipality of São João da Barra, created the Vila da Terra Resettlement Program. In this process, Porto do Açú Operações acquired a 908-hectare property (Palacete Farm) located next to the DISJB area, to which 53 families were relocated, according to eligibility criteria defined by a social diagnosis prepared by CODIN.



All the families received plots with areas equal to or larger than those occupied in the DISJB area, with larger houses than the previous ones, fully furnished. The infrastructure of the lots included fencing, access roads and drainage, public lighting, water and power distribution networks, sewage collection systems and water production wells for use in agricultural or livestock activities.

Each family that had rural production as its main source of employment and income received social and agricultural technical assistance for at least 24 months, and monitoring to assess the conditions of adaptation and productivity, including the development of activities and training courses. The total investment of Porto do Açú Operações in this project has reached R\$ 60 million.

Moreover, Porto do Açú Operações promotes actions that aim the constant improvement of agricultural and commercial practices developed in Vila da Terra. In this sense, the company supported the creation of the **Association of Rural Producers of Vila da Terra (Associação de Produtores Rurais do Vila da Terra - APROVILA)** and granted an area of approximately 145 hectares in the Palacete Farm so that the association could use it profitably and for the benefit of the associated producers. As part of the strengthening actions, the company also promoted training and provided technical assistance to members.

These actions aimed to increase the gradual independence of APROVILA and had as important results the commercialization of production for the school meals of the municipality of São João da Barra, through the Brazilian National School Meals Program (Programa Nacional de Alimentação Escolar - PNAE), and in open fairs, as in the case of the Feira no Porto Project.

In 2020, with the COVID-19 pandemic, the production directed to school meals was compromised with the suspension of school activities. In this scenario, Porto do Açú Operações directly purchased the production of APROVILA and another group of farmers, from Alto do Cardeiro. The seven tons produced* and acquired were donated to 20 charities and shelters in São João da Barra and Campos dos Goytacazes, which offered meals in needy communities. The donations were made in partnership with the Municipal Secretariat of Agriculture and other companies of the Prumo Group - Açú Petróleo, Ferroport and Gas Natural do Açú.

* Being 2 tons produced by Vila da Terra and 5 tons, by Alto do Cardeiro



Fair at the Port Project

As part of Porto do Açú Operações' support for the residents of the Vila da Terra resettlement and the need for these families to commercialize their agricultural production, in 2017, Porto do Açú Operações created the Fair at the Port Project.

Through collective and participative organization for the commercialization of the community's agricultural products, the project promotes the generation of income for the farmers of Vila da Terra. At the same time, it offers collaborators of the companies installed at Port of Açú the opportunity to consume fresh products, adding value and saving time by making their purchases at the workplace.

Between 2017 and 2019, the fair brought together the rural producers of Vila da Terra at the facilities of Porto do Açú Operações and other companies installed in Açú, with weekly periodicity in each of them. During this period, the marketers recorded an average income of R\$ 300.00 to R\$ 500.00 per fair.

In 2020, the project needed to be adjusted and became an itinerant fair, with digital disclosure to the collaborators of Porto do Açú Operações and delivery of products in open environments in the municipalities of Campos dos Goytacazes and São João da Barra.



* Although revenue from sales at the Fair at the Port has reduced, the production of these farmers was purchased directly by the Prumo group companies, as part of the initiatives of the Humanitarian Actions Committee

Local suppliers development 102-9

The purchasing and supplier contracting processes of Porto do Açú Operações adopt social, environmental and governance criteria. In this context, the company seeks to guide the relationship with its suppliers by transparency and the construction of long-term shared value, in particular through engagement and development actions.

Porto do Açú Operações has a virtual platform for supplier registration portodoacu.com.br/en/become-a-supplier [ACCESS](#) and customer service to clarify doubts about the channel portodoacu.com.br/fornecedores/atendimento-central-de-cadastro [ACCESS](#), with the objective of mapping potential suppliers and ensuring the efficiency of the hiring processes.

Development actions focused on local suppliers have been carried out since 2011, with the implementation of the Local Suppliers Development Program in partnership with Brazilian small business support service (Serviço Brasileiro de Apoio às Micro e Pequenas Empresas - SEBRAE). The purpose is to seek the training and articulation of the network of services and local trade, in line with Açú's environmental licensing processes. In 2017, the development of the program along these lines was completed and, in 2020, it was updated in connection with the regional development guidelines of the Porto do Açú Operações Sustainability Policy.

As a result, in the same year, the company formalized the creation of a Work Group with the Secretariat of Economic Development of the municipality of São João da Barra, with a view to developing joint actions to maximize the hiring of local suppliers over the next few years in connection with the prospects for business development at the Port of Açú.

Main results:

The percentage of local suppliers contracted has remained at approximately 15%, with an

Number and percentage of local suppliers¹ contracted

	2018	2019	2020
NUMBER OF SUPPLIERS			
TOTAL	504	537	504
LOCAL	82	81	75
% LOCAL	16%	15%	15%

Number and percentage of items² contracted with local suppliers

	2018	2019	2020
NUMBER OF CONTRACTED ITEMS			
TOTAL	6711	8491	4905
LOCAL	1236	1761	1356
% LOCAL	18%	21%	28%

1 - Suppliers from the municipalities of São João da Barra and Campos dos Goytacazes

2 - Product or service



ENVIRONMENT AND CLIMATE



The Sustainability Policy establishes Porto do Açú Operações commitment to developing its business in an environmentally responsible way, focusing on **high environmental performance**, ensuring **legal compliance** and **adequate management of environmental aspects and risks**.

In its role as Port Administration, it is active in the search for **synergies** and the dissemination of good **environmental practices** among the other companies installed at the port, and with its suppliers, tenants and business partners.

Through the RPPN Caruara, the company operates in the **conservation of biodiversity and ecosystem services** of the region. Due to its geographical location in a priority breeding area, the company develops **actions for the conservation of sea turtles**, acting in environmental monitoring and education and in the implementation of operational control measures that prevent and minimize the risk of accidental interaction with these species.

The Sustainability Policy establishes its commitment to contribute to mitigating the impacts of climate change. In 2020, the company began its structuring and planning to conduct the subject. Throughout 2021, studies will be conducted to **assess the risks and opportunities in the face of climate change**, and for the adoption of adaptation strategies necessary to ensure the resilience of port assets and operations.

International standard of sustainability in the port sector



In 2019, Porto do Açú Operações joined the Ecoports Network, the main sustainability initiative of the European port sector. Ecoports was created in 1997 and since 2011 has been a member of the European Sea Ports Organization (ESPO). One of the organization's objectives is to standardize good socio-environmental management practices in the sector through cooperation and knowledge sharing.

ENVIRONMENTAL MANAGEMENT

The environmental management of the activities of Porto do Açu Operações is guided by standards and procedures aligned to the Sustainability Policy, and includes the assessment of risks and potential environmental impacts related to its operations. It is also responsible for the definition of programs, processes and control and monitoring measures.

Compliance with legal requirements is carried out based on a system of control and evaluation of the applicable requirements. Through periodic performance evaluation and internal and external audits, the management system seeks continuous improvement and process efficiency.

Among the managed environmental aspects, the generation of solid waste and effluents, atmospheric emissions and consumption of water and energy resources stand out. In port administration activities, the company is responsible for managing dredging operations carried out at Terminal 2 and, therefore, to ensure compliance with applicable legal requirements, licensing requirements and best available environmental practices.

Solid and liquid waste

301-2 303-2 306-1 306-2 306-3 306-4 306-5

Porto do Açu Operações' waste management aims to reduce waste generation and dispose of it in an environmentally appropriate way, prioritizing reuse and recycling.

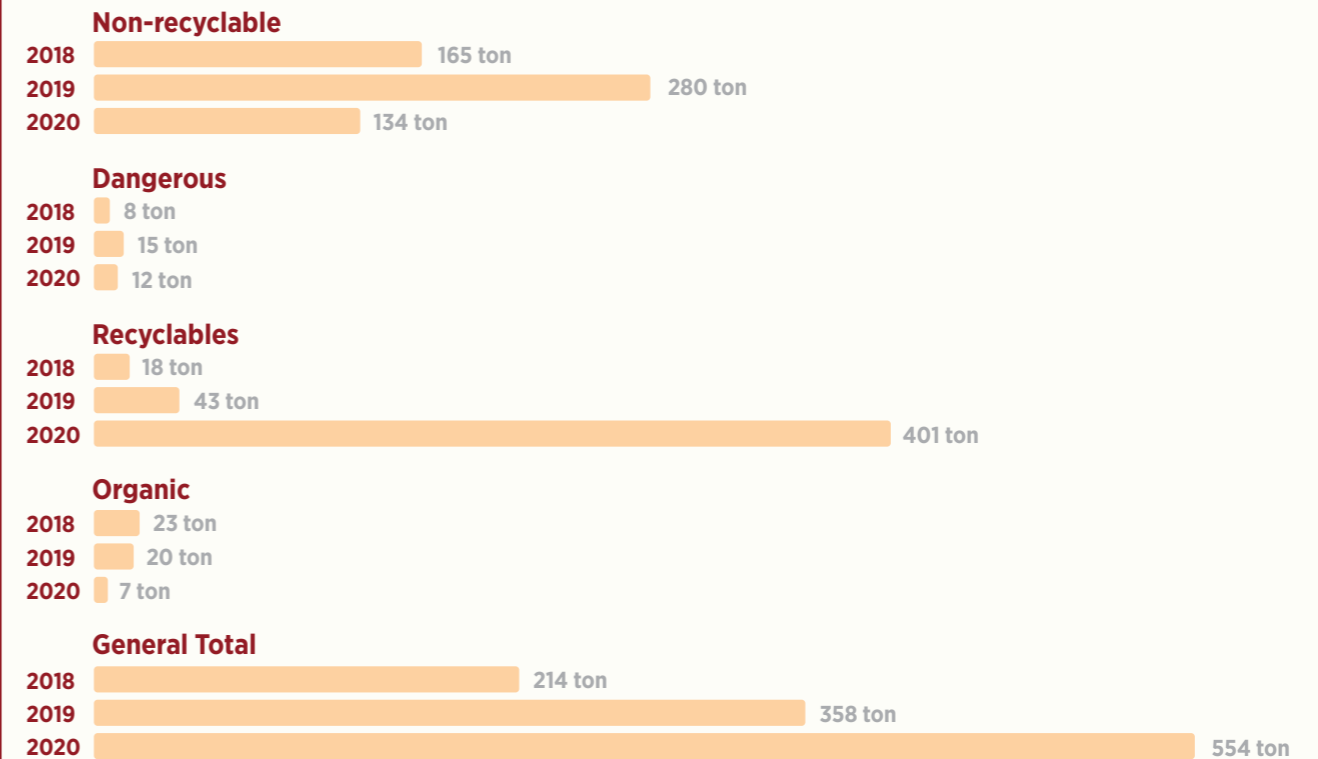
At the company's facilities, recyclable waste is processed to form economic lots and optimize logistics. The recycling of 100% of organic waste is also performed through composting, generating fertilizers that are used in the plantings of the RPPN Caruara. Hazardous waste is directed for energy reuse through co-processing, and reverse logistics is performed with batteries, packaging of chemical products and used lubricating oils, sent for re-refining. Thus, the company sends to landfill only the waste that has no application for any type of recycling or reuse.

In 2020, 554 tons of solid waste were generated, of which 76% was directed to recycling and reverse logistics. Only 24% were not treatable, being directed for disposal in landfills. These figures reflect the results of the company's investments in prioritizing recycling. In 2018, 52% of recyclable waste was directed to this purpose. In 2019, the percentage increased to 86% and in 2020, it reached 100%.

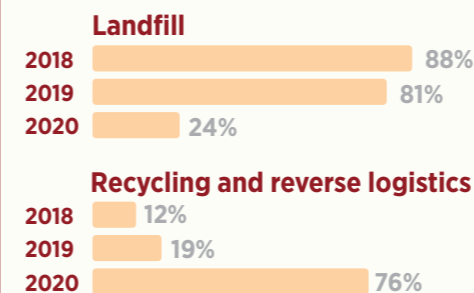
All suppliers responsible for transportation, treatment and final disposal are carefully selected and audited. Waste management strictly follows the legislation in force.

Due to the dynamic characteristics of the activities of Porto do Açu Operações, the volume of waste generated each year presents great annual variation. The increase in total volume, in 2020, is related to the destination of large volumes of scrap metal and wood, accumulated to optimize logistics costs. On the other hand, there was a reduction in the volume of organic and non-recyclable waste, directly related to the reduction of personnel at the port due to the pandemic.

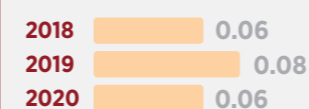
QUANTITY OF SOLID WASTE DISPOSED BY CATEGORY



DESTINATION



WASTE GENERATION AT T-MULT Solid waste generated x cargo handled (kg/ton handled)



In 2020, **T-MULT** maintained its specific solid waste generation per ton of cargo handled, concluding the year at the same level as 2018, which represents a 25% decrease compared to 2019.

Reuse of organic waste for fertilizer generation

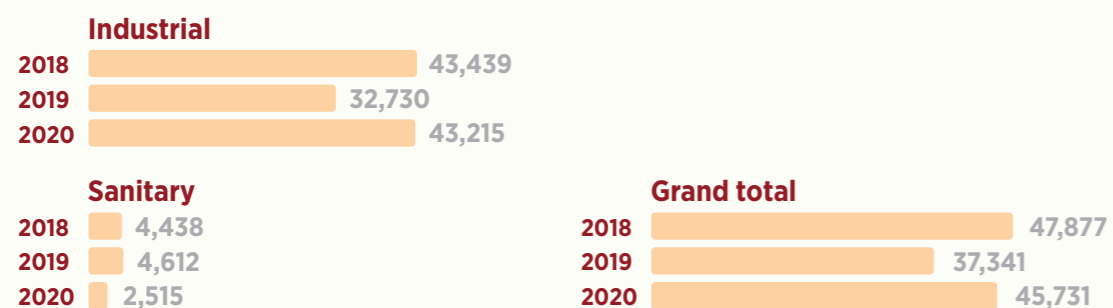
Porto do Açu Operações performs the composting of its organic waste, enabling its use as fertilizer in the plantings of the RPPN Caruara. The initiative promotes the circular economy and generates resource savings by recycling 100% of the organic waste generated. August 2019 to December 2020, the unit received 16.5 tons of organic waste, generating 2.1 tons of fertilizer. In addition to providing the reuse of organic waste, composting contributes to reducing greenhouse gas emissions (GHG) related to transport and landfill disposal.



Regarding liquid effluents, the company's activities generate sanitary and industrial effluents. Sanitary effluents are collected and sent for external treatment. Over 99% of industrial effluents, generated in the T-MULT operations, are treated in the industrial effluent treatment plant (Estação de Tratamento de Efluente Industrial - ETEI) of the terminal. A small portion is sent for external treatment.

The generation of industrial effluent is related, mainly, to the intensity of rainfall (rainwater effluent from handling and storage areas) and the use of water for atmospheric emission controls (pile and roadway moistening).

EFFLUENT GENERATION | Quantity in m³/year

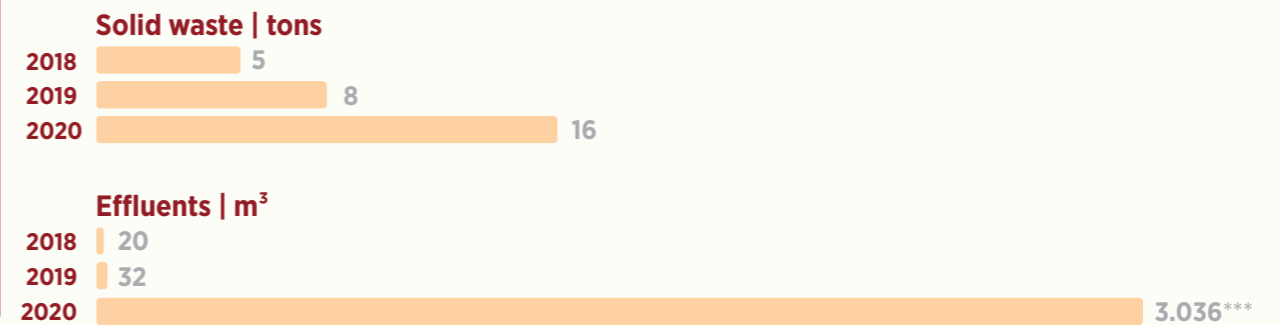


Management of waste from vessels

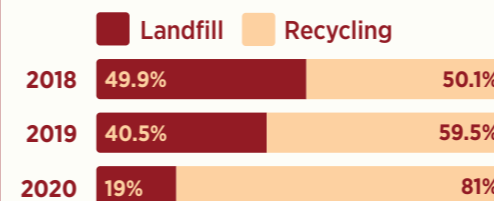
Porto do Açu Operações provides waste and effluent management services for vessels, from their unloading, proper packaging and transportation, to their final destination and documentation management. The procedures follow guidelines and best practices recommended by ANTAQ*, ANVISA** and the applicable environmental legislation.

In 2020, 16 tons of solid waste and 3,000 m³ of effluents from vessels were managed. With the management of solid waste and effluents from vessels, the company ensures environmentally adequate final destinations, which are the same adopted for its waste.

SHIP WASTE MANAGEMENT



DISPOSAL OF SHIP-GENERATED WASTE



*ANTAQ - Brazilian National Agency for Waterway Transport

**ANVISA - Brazilian National Health Surveillance Agency

***Higher volume related to the increase in demand for this type of service

AIR EMISSIONS AND AIR QUALITY

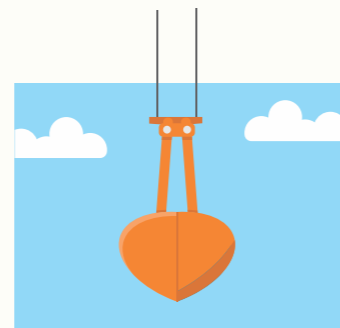
305-1 305-2 305-3 305-7

The air emissions from the activities of Porto do Açú Operações are related, mainly, to wind drag of particulate material from the solid bulks stored and handled at T-MULT, and, less relevantly, the material detached due to the action of wind on unpaved access roadways. To control atmospheric emissions from activities, investments were made in control equipment and operational measures, based on good industry practices and in compliance with environmental restrictions.

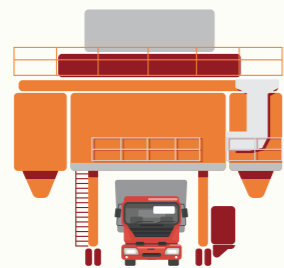
Practices adopted to control emissions



Canvassing system for ship side



Closed grab, wind and moving speed conditions



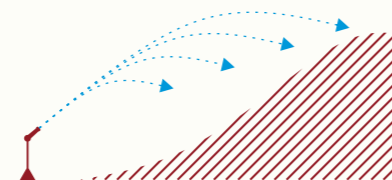
Hoppers with sprinklers and bag filters



Canvassing of trucks for bulk cargo transport



Roads water aspersion



Aspersion of solid bulk piles

To evaluate the air quality in the internal areas of the port and its surroundings, a monitoring network with five data collection points was installed, consisting of one automatic station and four semi-automatic stations, which measure particulate matter concentration and meteorological parameters. The results obtained through the network show no changes in air quality in the region due to port operations.

Air quality monitoring in the port is performed based on the Air Quality Index (IQA), CONAMA Resolution 491/2018 based on the continuous monitoring data of PM10 and PM2.5. In the last three years, the recorded air quality has been classified as Good (IQA < 40) 100% of the time.

AIR QUALITY INDEX



Fewer emissions in shipping 201-2

Porto do Açú Operações adopted, in January 2021, the Environmental Performance Index - Environmental Ship Index (ESI) which classifies ships that exceed the emission standards set by the International Maritime Organization (IMO).

Ships that perform above environmental standards, including levels of greenhouse gas emissions, now have access to differentiated port tariffs. With the initiative, Porto do Açú Operações joins a list of 62 global ports that have adopted the incentive mechanism.

The ESI is a project led by the World Ports Sustainability Program (WPSP) linked to the International Association of Ports and Harbors (IAPH).

Learn more:



ENVIRONMENTAL EDUCATION

Aligned with the Açú licensing processes, environmental education activities have been carried out since 2012 and play an important role in the local community by developing actions related to the socio-environmental agenda of the region.

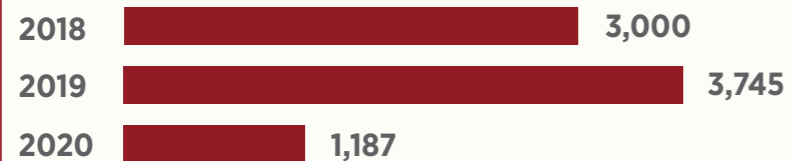
Among the initiatives, there are lectures and various dynamics. Among them, releases of sea turtle hatchlings by the PMTM, activities to promote awareness about the World Beach Cleaning Day and the dissemination of educational information about the ecosystem in the region, guided by visits to the RPPN Caruara and video and essay contests with municipal schools.

Internal public

N. of actions carried out

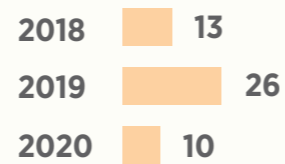


N. of people involved

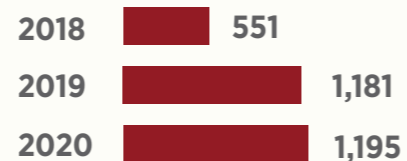


External public

N. of actions carried out



N. of people involved



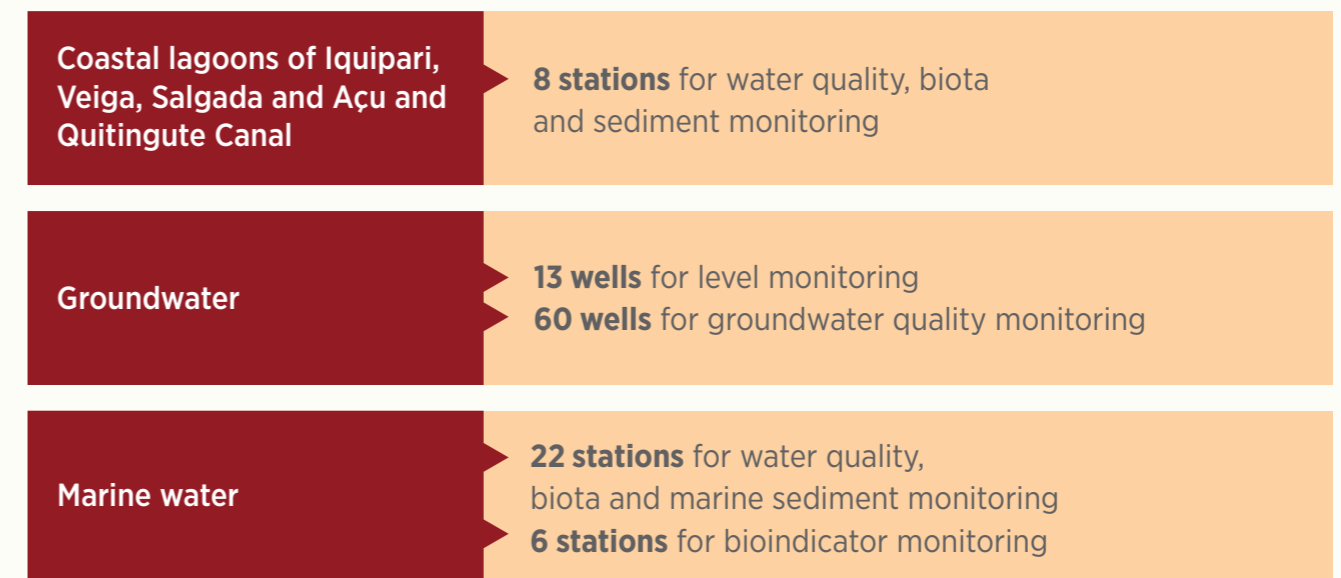
MONITORING OF COASTAL WATER RESOURCES

The environmental monitoring conducted by Porto do Açú Operações meets the requirements of the environmental licensing processes for the activities and applicable legislation, in addition to following good industry practices, and is being improved on an ongoing basis.

Through a robust network of monitoring of continental and marine water resources, air quality, noise emissions and fauna, the environmental quality of the port and its surroundings is monitored, forming a database from the pre-implementation period of the project.

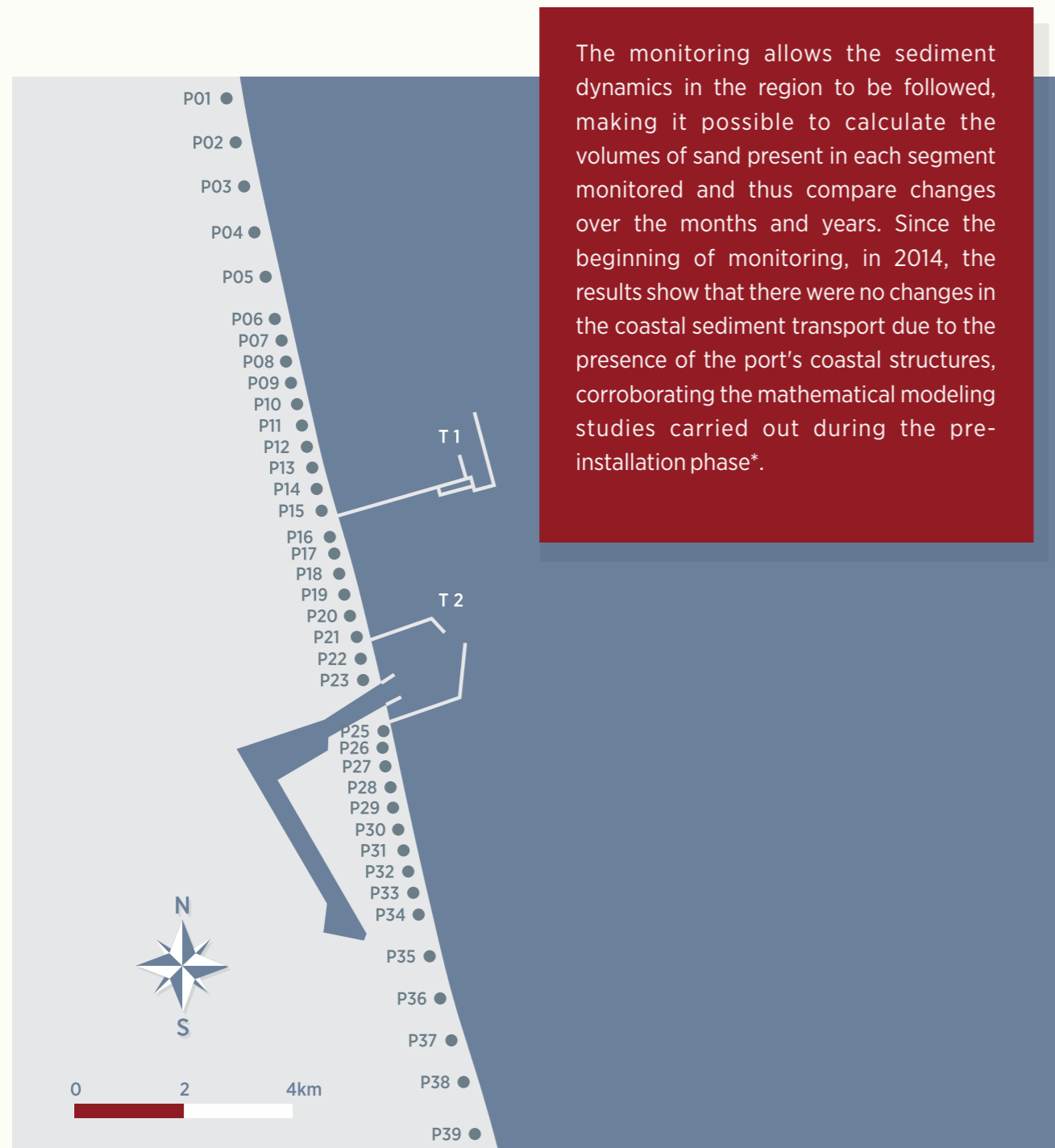
The company monitors the coastal water resources of the port area and its surroundings, including groundwater, coastal lagoons, floodable areas, channels, and the sea. The activities are carried out periodically, according to an annual plan.

Since the initial environmental studies to evaluate the feasibility and design of Açú, more than 10 years of data have been generated. The results obtained indicate that the environmental controls implemented by the different enterprises at Açú are adequate to monitor the environmental aspects related to the port's operations.



MONITORING OF COASTAL MORPHODYNAMICS

In compliance with the conditions of the environmental licenses issued, the Program for Monitoring the Dynamics of Marine Sedimentology and Coastal Erosion was implemented. The program is responsible for monitoring a 20 km stretch of coastline, through 38 monitoring stations, with the collection of topobathymetric data and analysis of sediment granulometry.



* The issue is monitored, since 2020, by the Federal Public Ministry, through a Public Civil Action, filed against the company, motivated by the relevance of the issue for the region.

ENERGY CONSUMPTION

302-1 302-4

The activities of Porto do Açú Operações present low energy consumption, related to the administrative offices and operational areas of the T-MULT. In 2020, there was a 17% reduction in energy consumption and a 5% reduction in T-MULT, both reflecting the decrease in office activities with the application of the remote work policy due to the pandemic.

ADMINISTRATIVE ACTIVITIES



T-MULT



WATER CONSUMPTION MANAGEMENT

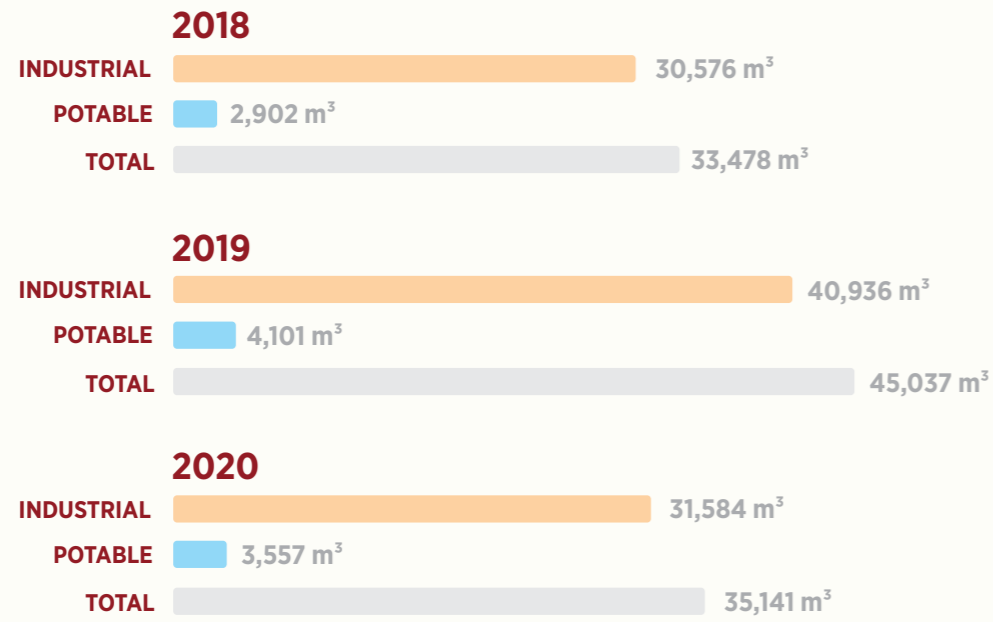
303-1 303-3 303-5

Açú is in a transition region between marine and terrestrial environments. The site is formed by several lagoons, as well as a complex system of natural and artificial channels and aquifers.

To guarantee the adequate use of these water resources and the port's water supply, Porto do Açú Operações, through its subsidiary Águas Industriais do Açú, developed the Water Supply Master Plan, which provides guidelines for current and future water management.

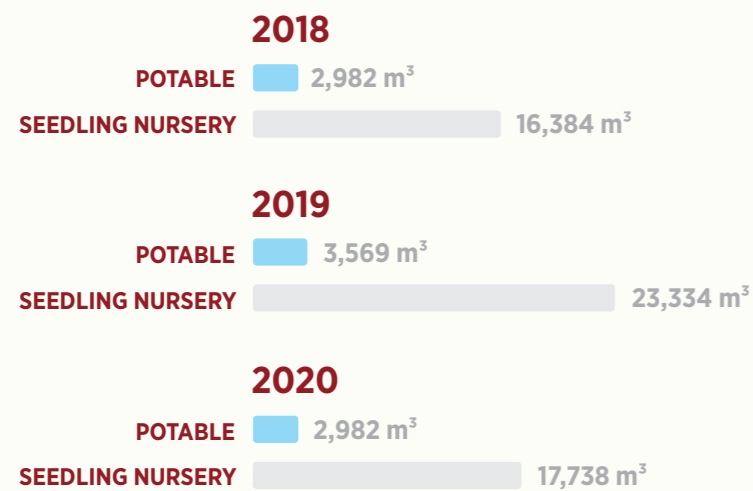
Currently, the main source of supply is groundwater withdrawal from the Emborê Aquifer. To ensure the different uses of the aquifer in a sustainable manner, the company carries out management and monitoring of the catchments. Through this work and the data collected, it contributes to the understanding of the dynamics of existing aquifers in the region. The management of water resources relies on the implementation of a telemetry monitoring system, which allows real-time measurement of the quality and volumes of water captured, conferring greater control and safety to operations.

WATER VOLUME CONSUMED AT T-MULT



Year	Water Footprint (liter of water per handled ton)
2018	50
2019	60
2020	52

VOLUME OF WATER CONSUMED IN THE OFFICE AND RPPN CARUARA



Pioneering coastal aquifer management

Coastal aquifers, such as Emborê, are subject to natural saltwater intrusion processes, which requires proper management of the catchment systems. This type of management has been adopted in Europe and North America, but is still an uncommon practice in Brazil.

Naturally sweet groundwater discharges into the sea and creates a dynamic equilibrium with oceanic saltwater. Proper management controls extractions from the aquifer to maintain this balance.

Porto do Açu Operações is also working on prioritizing alternative sources of water, aiming to reduce the demand for the Emborê intake. In 2020, reuse represented savings of approximately 30% of the volume of industrial water used at the TMULT. Studies are underway for the reuse of rainwater in the port's macro drainage systems.

Good management of water resources depends on in-depth knowledge of the aquifer, real-time monitoring and accurate control of the groundwater extraction operation. Açu bases itself on these pioneering actions to ensure the responsible and sustainable use of the resource and the robustness and security of supply.



ENVIRONMENTAL MANAGEMENT OF DREDGING

Dredging is an essential activity for port undertakings, carried out periodically to ensure navigability and safe access to port terminals. These are highly complex operations and have relevant environmental aspects, that must be properly managed to mitigate potential impacts.

Because of the geographical location of Port of Açú, inserted in a breeding area for loggerhead sea turtles (*Caretta caretta* species), the implementation of dredging presents a unique challenge related to measures for the protection of these animals.

Thus, since the first dredgings for the port's implementation, mitigation, control, and monitoring measures for the protection of sea turtles were defined with the environmental licensing agency, INEA, and the Tamar Center / ICMBio. Since the beginning of the Port's constructions, the dredging carried out totals approximately 120 million cubic meters of sediment removed to ensure maritime access. During these operations, measures were improved and adapted to the environmental context of Açú, allowing greater robustness to environmental management.

- **Operation schedule respecting the reproductive period**
- **Use of grids and turtle deflectors on dredge heads**
- **Definition of operational limits for navigation and pump drive speed**
- **Qualified on-board observers for visual inspection of the measures and identification of the occurrence of turtles and mammals**
- **Light emission control**
- **Rescuing injured animals and sending them to rehabilitation**

The environmental management of dredging also includes environmental education and social communication actions, aimed at informing and raising awareness of the operations, their potential impacts and control measures.

Throughout the year, by the Sea Turtle Monitoring Program, a dedicated team performs beach monitoring to identify reproductive and nonreproductive occurrences, and during dredging operations help identify animals that may be injured by the operations.

To measure potential impacts of operations on environmental quality, marine monitoring is intensified during dredging works and also extended to the sediment disposal area, where material dredged from navigation channels is sent for final disposal at sea. These areas are identified through environmental studies and approved by the environmental licensing agency and the Brazilian Navy.

It is through such monitoring that we are able to conclude that our dredging operations do not deteriorate the environmental quality, since the results indicate no significant changes in monitored physical, chemical and biotic parameters (water, plankton, benthos, sediment and bioindicator organisms). In addition, the results of the turtle monitoring program show no negative impact of these activities on the conservation of the species in the port area.

Port Administration coordinates technical work to elaborate a Standard Protocol for Maintenance Dredging at Port of Açú

In 2020, Porto do Açú Operações coordinated the development of the Standard Protocol for Maintenance Dredging, in which the different terminals responsible for the execution of dredging in the port, INEA and the Tamar Center/ICMBio participated. The work had the technical support of international reference consultants in sea turtle protection, responsible for developing the subject in the U.S. Army Corps of Engineers (U.S. Army Corps of Engineers - USACE). The protocol, the first of its kind in Brazil, will serve as a guide for future dredging and consolidates lessons learned and best practices obtained throughout the port's history and in more than 30 years of dredging operations in sea turtle protection areas in the United States.



CLIMATE CHANGE MITIGATION AND ADAPTATION 201-2

Since 2016, Porto do Açu Operações has been conducting its annual greenhouse gas inventory, in accordance with the guidelines of the Brazilian GHG Protocol Program covering all operations. The objective of the initiative is to quantify and understand the profile of the company's emissions to guide the planning of its mitigation actions.

With the approval of the Sustainability Strategy, Porto do Açu Operações identified as a priority for the development of its business the definition of actions for mitigation and adaptation to climate change. Thus, it has been working on the assessment of opportunities and risks to define its operating strategy.

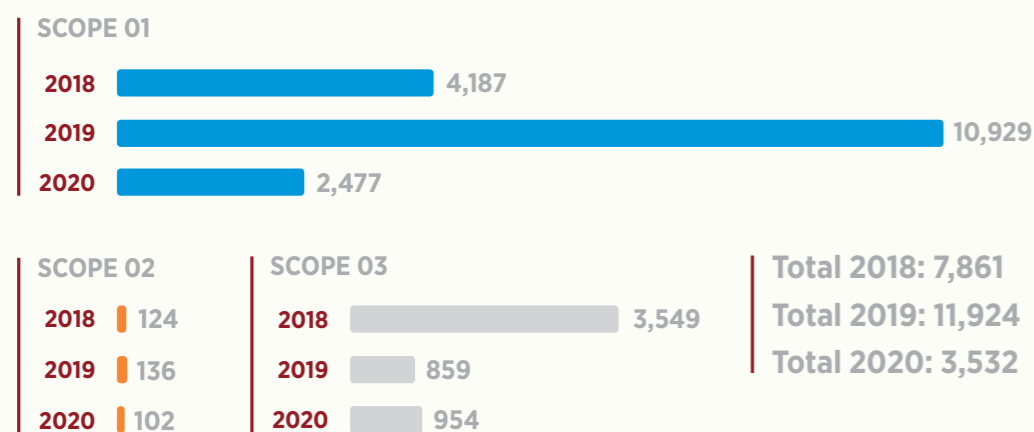
GREENHOUSE GAS EMISSIONS 305-1 305-2 305-3

The main direct emissions (scope 1) of the Porto do Açu Operações are related to the consumption of fuel to supply equipment and vessels. Indirect emissions (scope 2) refer to the import and consumption of electricity from the National Interconnected System (Sistema Interligado Nacional – SIN). Indirect emissions (scope 3) are due to the transportation and movement of suppliers and displacement of collaborators from their homes to the workplace and corporate travel.

In 2020, a considerable reduction in total GHG emissions was recorded, compared to 2019, due to the lower volume of operations at T-MULT and at port administration offices. Other reasons were the non-performance of dredging activities and the restriction of non-essential activities due to the pandemic, representing a 70% decrease from 2019 total emissions and a 55% decrease from 2018 total emissions.

The reduction in T-MULT operations resulted in a minor increase in the terminal's carbon intensity from 0,0024 tCO₂e/ton cargo handled in 2019 to 0,0037 tCO₂e/ton cargo handled in 2020. On the other hand, as a result of the plantings carried out in the RPPN Caruara, by the end of 2020, 1,427 tCO₂ will have been removed, which represents 40% of the company's GHG emissions in 2020 and 6% of the total emissions accumulated in the last three years.

GHG emissions in tCO₂e



BIODIVERSITY CONSERVATION 304-1 304-2 304-3 304-4

Açu is inserted in a region with a landscape marked by rich biodiversity, with a great variety of water resources and Atlantic Forest vegetation with predominance of the restinga ecosystem, and is located in a priority area for conservation of sea turtles of the species *Caretta caretta**.

Aiming the development of Açu's operations in balance with the local biodiversity, Porto do Açu Operações leads the conservation actions in the region, centralized in the RPPN Caruara and with emphasis on the Sea Turtle Conservation Program.

SEA TURTLE CONSERVATION PROGRAM

Since 2008, the company has coordinated the Sea Turtle Conservation Program, which aims to protect, monitor and research sea turtles that use the region for breeding, feeding and habitat. The program, conducted in partnership with Ferroport and Açu Petróleo, companies with terminals operating in the port, is conducted with the monitoring of INEA and the Tamar Center/ICMBio.

In the 2020/2021 reproductive season, the program reached the mark of 1 million sea turtle hatchlings released to the sea in more than 100 release actions open to the public, and ensured the preservation of more than 14,000 nests.



* According to the National Action Plan - PAN TARTARAGAS MARINHAS (MMA, 2010)

With 13 years of collected data, Porto do Açú Operações contributes to the scientific knowledge of sea turtles. The results obtained show that the actions taken are allowing the development of port operations in harmony with the conservation of the species. By means of environmental education actions, awareness of the local community and tourists regarding preservation actions, the initiative results in protection of the species.

Lines of action

Sustainable port operations

- Protection and control measures for dredging operations
- Mitigation of light emissions by terminals (photo mitigation)

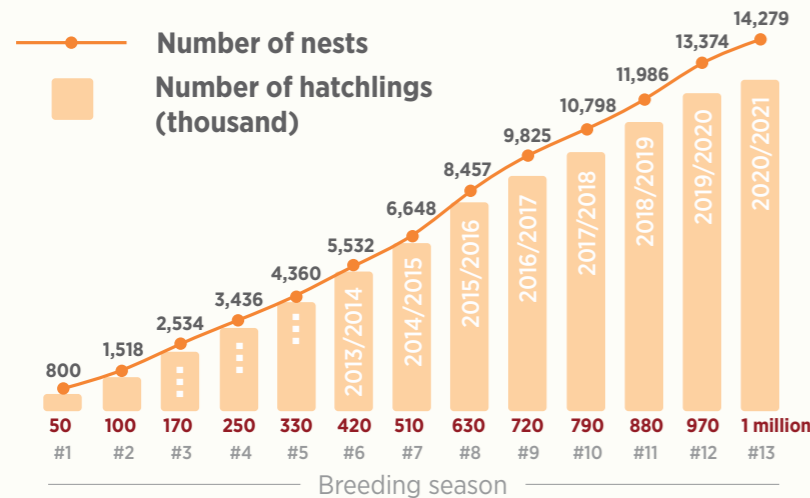
Monitoring and protection of coastal environments

- Daily monitoring of 62 km of beach line, with methodology established with INEA and Tamar Center/ICMBio, carried out by specialized team to identify strandings and reproductive occurrences of sea turtle species
- Nest protection: 14,279 nests by season 2020/2021
- Animal rehabilitation center: 70 animals recovered and 110 marked for monitoring
- 13 years of data contributing to the scientific knowledge on turtle species in the region

Engagement with communities and environmental education

- Environmental Education Actions with the Community
- Release Actions with more than 1 million hatchlings returned to the sea

NUMBER OF NESTS AND HATCHLINGS PROTECTED PER SEASON (NUMBERS CUMULATIVE)

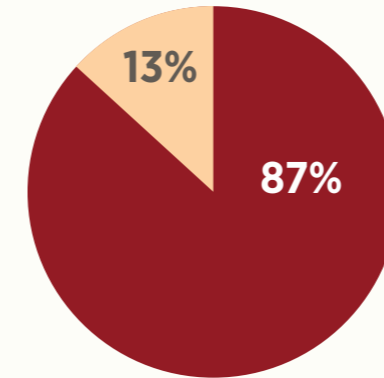


Through daily beach monitoring, the program team identifies turtle nests and installs protection to prevent depredation, aiming to ensure that the hatchlings can be safely born.

**Until March 2021

1469 animals necropsied from December 2011 to March 2021

- Anthropogenic cause
- Natural cause



The results of the daily beach monitoring show that the interaction with anthropogenic activities is the main threat to sea turtles, representing 87% of the causes of death diagnosed in the animals found. Among the anthropogenic causes, the three main ones identified (98%) are: ingestion of waste, interaction with fishing gear and vessels. The identification of the causes helps the company to direct efforts to prevent and reduce occurrences.



Photo produced before the pandemic period



RPPN Caruara

Created on a voluntary basis on July 19, 2012, the Caruara Private Natural Heritage Reserve (RPPN Caruara) is the largest private conservation unit in the country dedicated to the restinga ecosystem and the largest environmental asset of the Port of Açú. It covers an area of 40 km² and protects an important remaining fragment of restinga and stretches of forest and environments associated with the lagoons of Iquipari and Grussaí, in the São João da Barra municipality.

Mission

Protect, restore and promote the biodiversity of the largest remaining fragment of restinga in a private area in Brazil, through actions and services that generate scientific knowledge and environmental, social and economic benefits.

Vision

To be a world reference in the large-scale restoration of the restinga vegetation and the conservation of its associated biodiversity.



Action Pillars:

- **Tourist visitation**

Establish itself as a place of tourist interest, encouraging and developing sustainable tourism in the region.

- **Environmental services**

Develop initiatives that favor the maintenance, recovery and improvement of the environment.

- **Education and scientific research**

Encourage the use of the reserve as a place for teaching, research and popularization of knowledge about the biodiversity of the restinga.

The management of the RPPN is carried out by the Reserva Ambiental Fazenda Caruara S.A., a subsidiary of Porto do Açú Operações. Forest recomposition and fauna and flora monitoring programs are developed in the reserve. Currently, approximately 40 local residents work directly in these programs. The reserve also maintains the only seedling nursery in the country dedicated to the restinga ecosystem, currently carrying out the management of 88 species of flora typical of this environment. Since the creation of the RPPN Caruara, 1,142 hectares of restinga vegetation have already been planted.

In addition, the work developed by the reserve has relevant scientific importance with the formation of a database, with a total of 292 species of flora and 563 species of fauna cataloged, 17 of which are on the list of endangered species.

PLANTING IN THE RPPN



COMPENSATORY PLANTING OF PORTO DO AÇU OPERAÇÕES



CATALOGUED SPECIES

FLORA - 292
FAUNA - 563 (17 endangered species)

The company recognizes the importance of biodiversity and regards it as intrinsic to its business, considering its richness, breadth and value in maintaining life and ecosystem services for the sustainable development of its surroundings.

In this sense, it is strategic to continue the development and management of the Caruara Reserve, contributing to the conservation of biodiversity and the development of ecosystem services in the region and sharing the knowledge generated in this large-scale restoration experience. One of the objectives is to contribute so that such techniques are replicated in other areas of the Brazilian coast.

- Largest restinga fragment on private land in the country
- 40km² protected area
- 24 lines of research being developed
- 40 workers with 100% local labor
- 200 thousand seedlings produced per year in the largest nursery dedicated to the restinga
- More than 1,3 million seedlings planted
- 1,142 hectares of plantings completed

Caruara achieves international visibility

The Caruara Reserve was included, in 2020, in the Botanical Guide of The Field Museum, in Chicago (USA) founded in the 19th century, and a reference in cataloguing and making available academic research on the world's flora and fauna. The inclusion of the RPPN Caruara in the guide reinforces the relevance of the reserve in academic research in the area of botany.

Access the Management Plan and publications on the company's website:

<https://portodoacu.com.br/en/sustainability/>



1. General Contents

MGR102: Organizational Profile

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 102: General Contents 2016	102-1 Name of the organization	18	
	102-2 Activities, brands, products and services	23	
	102-3 Location of the organization's headquarters	18	
	102-4 Place of operations (N/A)	18	
	102-5 Content nature of ownership and legal form	18	
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	102-8 Information on collaborators and other workers	39	08
	102-9 Supply chain	48	

Strategy

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 102: General Contents 2016	102-14 Contents Declaration of the highest executive officer	03	
	102-15 Key impacts, risks and opportunities	31	

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GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 102: General Contents 2016	102-16 Values, principles, standards and codes of behavior	31	16
	102-17 Mechanisms for providing guidance and raising concerns about ethics	31	16

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GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
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	102-30 Effectiveness of the risk management processes	31	

Stakeholder engagement

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 102: General Contents 2016	102-40 List of stakeholder groups	36	
	102-41 Collective bargaining agreements	40	08
	102-42 Identification and selection of stakeholders	36	
	102-43 Approach to stakeholder engagement	36	
	102-44 Key concerns and topics raised	12	

Reporting Practice

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 102: General Contents 2016	102-46 Defining report content and topic boundaries	12	
	102-47 List of Material Topics	12	
	102-50 Reporting period	06	
	102-51 Date of most recent report	06	
	102-52 Reporting Cycle	06	
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	102-55 Summary of GRI content	61	

2. Specific rules - Economic

Economic Performance

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 201: Economic performance 2016	201-1 Direct economic value generated and distributed	28	02, 05, 07, 08, 09
	201-2 Financial implications and other risks and opportunities arising from climate change	57	13

Anti-Corruption

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 205: Anti-Corruption 2016	205-2 Communication and training on anti-corruption policies and procedures	31	16
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GRI 205: Taxes 2016	207-2 Governance, control and fiscal risk management	31	

3. Specific standards - Environmental

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GRI 301: Materials 2016	301-2 Raw or recycled materials used	50	08, 12

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GRI 302: Energy 2016	302-1 Energy consumption within the organization	54	07, 08, 12, 13
	302-4 Reduction of energy consumption	54	07, 08, 12, 13

Water and wastewater 2018

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 303: Water and wastewater 2018	303-1 Interactions with water as a shared resource	54	06, 07
	303-2 Managing impacts related to water discharge	50	06
	303-3 Water capture	54	06, 08, 12
	303-5 Water consumption	54	

Biodiversity 2016

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 304: Biodiversity 2016	304-1 Operational units owned, leased or managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	57	06, 14, 15
	304-2 Significant impacts of activities, products and services on biodiversity	57	06, 14, 15
	304-3 Protected or restored habitats	57	06, 14, 15
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by the organization's operations	57	06, 14, 15

Emissions 2016

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 305: Emissions 2016	305-1 Direct emissions (Scope 1) of greenhouse gases (GHG)	57	03, 12, 13, 14, 15
	305-2 Indirect emissions (Scope 2) of greenhouse gases (GHG) from the purchase of energy	57	03, 12, 13, 14, 15
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	305-7 Emissions of NOX, SOX and other significant air emissions	52	03, 12, 13, 14, 15

Waste 2020

GRI Standards	Statements	Page/URL	Sustainable Development Goals (SDG)
GRI 306: Waste 2020	306-1 Waste generation and significant impacts related to waste	50	03, 06, 12, 14
	306-2 Managing significant impacts related to waste	50	03, 06, 12
	306-3 Generated waste	50	03, 06, 12, 14, 15
	306-4 Wastes not destined for final disposal	50	03, 12
	306-5 Waste for final disposal	50	06, 15

4. Specific rules - Social

Employment

Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 401: Employment 2016	401-1 New hires and employee turnover	38	05, 08
	401-2 Benefits provided to full-time collaborators that are not provided to temporary or part-time collaborators	41	08

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Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 403: Occupational health and safety 2018	403-1 Occupational health and safety management system	32	
	403-2 Hazard identification, risk assessment and incident investigation	32	
	403-3 Occupational health services	32	
	403-6 Worker health promotion	32	
GRI 403: Occupational health and safety 2018	403-7 Prevention and mitigation of occupational health and safety impacts directly linked to business relationships	32	
	403-9 Accidents at work	33	
	403-10 Occupational diseases	32	

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Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 404: Capacity building and education 2016	404-1 Average hours of training per year, per employee	40	04, 05, 08
	404-2 Employee skills enhancement and career transition assistance programs	40	08
	404-3 Percentage of collaborators receiving regular performance and career development reviews	40	05, 08

Diversity and equal opportunities

Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 405: Diversity and equal opportunities 2016	405-1 Diversity in governance bodies and collaborators	38	05, 08

Safety Practices

Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 410: Consumer safety and health 2016	410-1 Safety personnel trained in human rights policies or procedures	32	

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Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 413: Local communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	42	
	413-2 Operations with significant negative impacts - actual and potentials - in local communities	42	01, 02

Consumer health and safety

Normas GRI	Declarações	Página/URL	Sustainable Development Goals (SDG)
GRI 416: Consumer safety and health 2016	416-1 Assessment of health and safety impacts caused by categories of products and services	32	



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