



2021 Sustainability Report



message from management

[GRI 102-14]

In 2021, we reached a new milestone in the history of Portonave with over one million TEUs handled. This means that the Terminal has reached the sum of 9 million TEUs handled since the beginning of its operations and a 29% growth in operations since 2020. With the numbers to show for it, in addition to the effectiveness of our strategy and the resilience of our team, we continued to deliver results in the midst of a still challenging scenario, given the extent of the Covid-19 pandemic.

Among the factors that contributed to this performance, we highlight the effective operation of the New Evolution Basin of the Port Complex of Itajai and Navegantes, which allows the mooring of large vessels of up to 350 meters and greater cargo capacity. The adequacy of the infrastructure of the complex for the mooring of vessels of this scale represents an essential

**9 MILLION TEUS
HANDLED
SINCE THE
BEGINNING
OF OUR
OPERATIONS.**



step for the competitiveness of the sector in Santa Catarina. This allows us to follow the trends of international trade, given that shipowners have increasingly chosen to optimize scales based on the expansion of the volume of cargo on ships.

Therefore, we are proud to report in this publication the large-scale maneuvers that took place in 2021. For 2022, we continue to mobilize with other local agents for the second phase of this project in order to prep operations to receive freights up to 400 meters long, and to further improve the competitive conditions of the port complex.

We also report on another important achievement of the Iceport Cold Storage Chamber, which in August 2021 was authorized to export beef to Israel. After the process of receiving recommendations from the Brazilian government and a specific documental audit, full compliance was verified regarding all the protocols required to obtain the certification, which allowed us to obtain yet another important competitive differential of our Terminal.

Integrity, as the core value in our corporate culture, permeates every aspect of our business. The result of which was the achievement, at the year's end,

of ISO 37.001: 2016 certification – related to the Anti-Bribery Management System – recommended by the authorized certification entity Lloyd's Register. Thus, we became the first port terminal in Brazil to obtain this seal. In line with the best management practices, Portonave reaffirms, through certifications such as this, its commitment to excellence in the conduct of our teams, to the execution of processes, and to the search for continuous improvement of all our operations.

**IN 2021, WE REACHED THE HISTORIC
MILESTONE OF 1 MILLION TEUS
HANDLED IN A SINGLE YEAR.**

In 2021, we made further progress in consolidating our ASG (environmental, social and governance) strategy. As a way to achieve alignment between the perspectives of business and the demands inherent to sustainable development, we strengthened our Sustainability Committee, formed by professionals from different fields of expertise. This group has led our journey towards an increasingly effective contribution to the 2030 Agenda, proposed by the United Nations (UN) and to which the company is committed.

We know that this path primarily involves caring for our team, especially in relation to health and safety conditions. Throughout the year, we continue to fight Covid-19 through intense informative campaigns to rigorous preventive actions. We have thus confirmed our belief that

the protocols adopted since 2020 have been essential not only to preserving the lives, families, and history of our professionals, but also very effective in reducing the impact of the health crisis on our operations and results.

This context also affirms the importance of the strategic actions historically developed by Portonave for the creation of a culture of health and safety that permeates all our activities. Thus, the challenges inherent to the pandemic were overcome, one after the other, demonstrating the solidity of our management.

In the next pages of this report, we present further information on our economic, social, environmental, and governance performance in yet another historic year.

We thank our professionals immensely for their dedication in these challenging times, and we extend our gratitude to the community and region of Navegantes, as well as to our clients, shareholders, business partners, and other institutions who have remained by our side. Hopeful of this new cycle, we enter 2022 certain that the continuity of our journey will be full of achievements and shared value.

**WE REMAIN COMMITTED TO INCREASINGLY
CONTRIBUTING TO THE OBJECTIVES OF
SUSTAINABLE DEVELOPMENT (SDG)**

OSMARI DE CASTILHO RIBAS
*Administrative Superintendent -
Director*

RENÊ DUARTE E SILVA JÚNIOR
*Operations Superintendent -
Director*

highlights 2021

1.15 million
TEUshandled

29%

of growth in relation to 2020

R\$ 137.1 million
paid to suppliers of goods and services

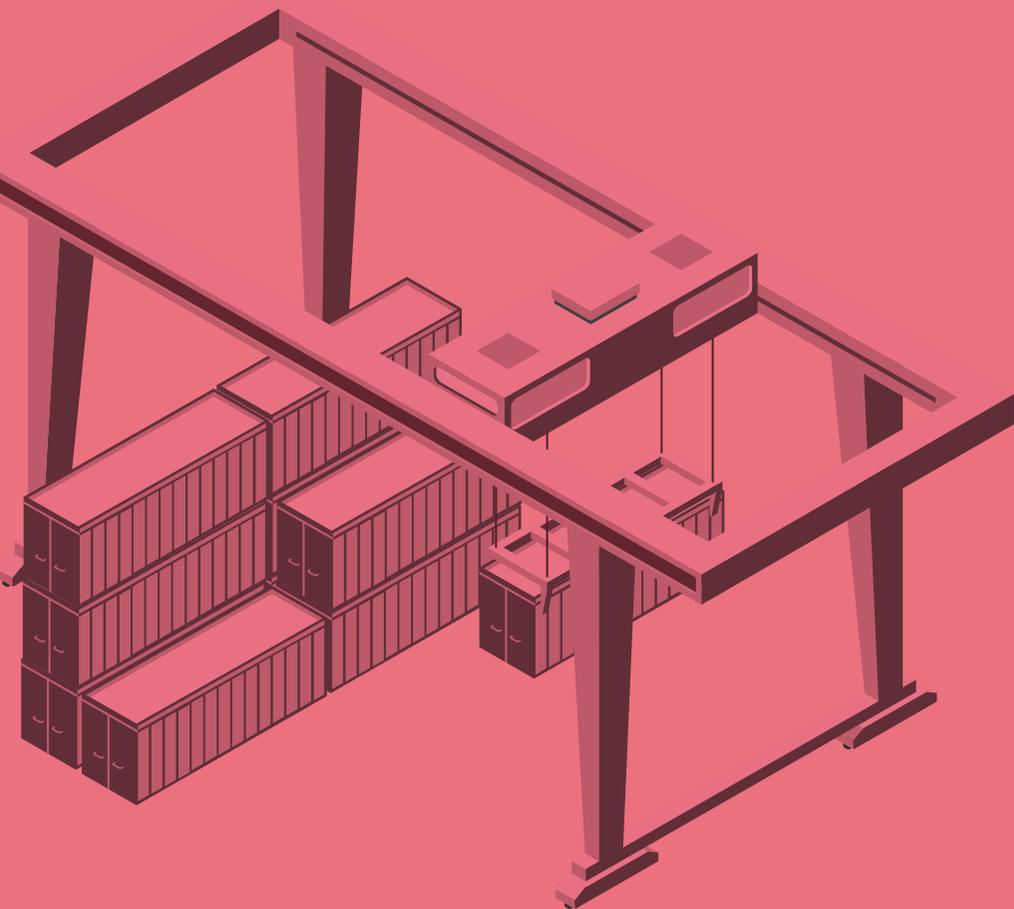
967
direct professionals

3,195
clients serviced

40%
of this total for Navegantes and region companies

R\$ 1.5 million
invested in social projects

51%
market share
in Santa Catarina



sumário

1. Corporate Profile 7

Our trajectory	8
Integrated management	10

2. Governance and integrity 13

Ethical conduct	14
Governance	16
Risk management	17
Sustainability Committee	18

3. Businesses 20

Market presence	21
Operational performance	23
Evolution Basin: milestones of 2021	25
Supply chain	26
Value generation and distribution	27

4. Care for the team 28

Profile of the professionals	29
Remuneration and benefits	33
Corporate education	35
Diversity	37
Engagement	38
Health and safety	39

5. Socio-environmental management 45

Social action	46
Featured projects	47
Corporate connections	51
Environmental Management	52
Water and effluents	53
Waste	54
Energy	55
Atmospheric emissions	56
Noise	57
Hazardous cargo	57

GRI annex 58

About the report	58
GRI Summary	60



profile corporate



our trajectory

[GRI 102-1; 102-2; 102-3; 102-4; 102-5; 102-6; 102-7; 102-8; 102-10]

Portonave S.A. – Terminais Portuários de Navegantes – performs the main activity of handling containerized cargo, both for export and import. Located in Navegantes, on the coast of Santa Catarina – a strategic region due to its ease of access and regional economic vocation – and with an operational area of 400 thousand m², the Terminal collaborates to outflow production from Brazil and other South American countries, as well as to bring inputs and goods from abroad to the region.

The company is entirely controlled by Terminal Investment Limited (TiL), which is headquartered in Switzerland and operates 40 port terminals in four continents – America, Europe, Africa, and Asia. With a trajectory that started in 2007, it has become a reference among Brazilian ports. In 2021, we handled over one million TEUs. With this, the Terminal reached the sum of 9 million TEUs handled since the beginning of its operations.



In addition to the port infrastructure, we offer our clients fully automated cold storage chambers – Iceport, which occupies an area of 50 thousand m² with static storage capacity of 16 thousand pallet positions and an antechamber with 13 docks for receiving and shipping goods. (See more data on infrastructure in the infographic on the following page).

Location



Infrastructure

<p>Total Area:</p> <p>400 thousand m²</p>	<p>Linear Quay:</p> <p>900 m</p>
<p>Static capacity:</p> <p>30 a thousand TEUs</p>	<p>Reefer Outlets:</p> <p>2,430</p>
<p>Iceport automated cold storage terminal:</p> <p>16 thousand positions / pallets</p>	<p>Evolution Basin:</p> <p>500 m</p>

integrated management

[GRI 103-1; 103-2; 103-3]

Aligned with the best management practices, Portonave has its activities coordinated by an Integrated Management System (IMS), which consolidates guidelines and indicators related to quality, environment, safety, occupational health, and anti-bribery involved in its operations. Commitment to excellence, as a fundamental value of the company, directs management, the conduct of the teams, and the execution of processes in the search for continuous improvement in all aspects of the business.

In addition to the requirements provided for in the certifications maintained by Portonave (see box on Page 11), SGI monitors the performance of the areas in relation to the goals defined in the strategic planning, which is periodically evaluated by the managers. In 2021, the Board of Directors reviewed these guidelines in order to establish an updated set of strategic objectives and to support the definition of indicators, projects, and plans to be developed in the coming years. Check out the box to the side.



CERTIFICATIONS

- ISPS CODE (international code for the protection of ships and port facilities)
- OAS-Authorized Economic Operator
- ISO 9001 (Quality Management System)
- ISO 14001 (Environmental Management System)
- ISO 45001 (Occupational Health and Safety Management System)
- ISO 37001 (Anti-Bribery Management System)

At the end of the year, Portonave was recommended by Lloyd's Register for the certification of **ISO 37001:2016d** – Anti-Bribery Management System – being the first container port terminal to achieve this certification in Brazil. This achievement confirms an important value for the Terminal: integrity in all our operations.

Cold Storage Terminal - Iceport

- Halal certification (poultry, cattle and horses).
- Export qualifications from the Ministry of Agriculture, Livestock and Supply (MAPA), the body responsible for certifying food industries to supply to the following markets:
 - » South Africa
 - » Argentina
 - » Canada
 - » Chile
 - » Russian Federation
 - » Hong Kong
 - » Israel
 - » Japan
 - » Mexico
 - » Paraguay
 - » European Union
 - » Uruguay



PIONEER OF ICEPORT

The Iceport cold storage terminal is located in Southern Brazil because it is the only one in the region qualified to store frozen poultry destined for Mexico and poultry and pigs exported to Chile. It also has Halal Certification, which allows the storage of poultry, cattle and horses to Israel, among other qualifications that allow the shipment of frozen goods to several countries.

Iceport also benefits the logistics of import processes of mainly frozen potatoes and vegetables, which have been gaining increasingly greater space in the national market.

As a result of our integrated operations, the Terminal stands out for the excellence of the services provided to clients, as well as high-level productivity. In 2021, the handlings per hour (mph), an index that measures the efficiency of port terminals, was 105.4 mph per ship and 34.9 mph per portainer, or STS, as are called the equipment that embark and disembark ship containers. This performance kept the Terminal in the lead in the productivity ranking of the National Water Transport Agency (ANTAQ), for the third consecutive year.

Over the 12 months of 2021, we handled 1.15 million TEUs, making Portonave the third largest port terminal in the country in terms of container handling, with emphasis on the months of February, March, May, September, and October, when we reached the mark of 100 thousand TEUs/month. In the year-to-date, 29% growth was recorded in the handling of containers compared to the figures of 2020 – when the Terminal handled 893.6 thousand TEUs.



MISSION

Offer port services of excellence, committed to best practices.



VISION

To be a global reference in safety, efficiency, and quality in port operations.



VALUES

- Focus on the Client
- Appreciation of people
- Sustainability
- Integrity
- Commitment to Excellence

To learn more about our history, visit our website.





governance and ethical conduct



ethical conduct

[GRI 102-16; 102-17; 103-1; 103-2; 103-3; 205-2; 205-3]

To support business conduct and relationships ethically, we have developed an integrity system that includes policies and guidelines shared with the main public, as well as dialogue and complaints channels dedicated to the topic.

The Ethics Committee – formed by professionals appointed by the company's Board of Directors, as well as its Executive Board, Human Resources Management, – tasked to review and monitor compliance with the Code of Ethics and Anti-bribery Policy. The documents guide corporate and individual behavior, especially for professionals and and Legal Management service providers, in relation to integrity.

It is also the responsibility of the Committee to evaluate, ascertain, and address the manifestations registered in the Ethics Channel of the company. Managed by a third party company, which guarantees independence, this channel receives complaints, complaints or other manifestations regarding:

- Moral and Sexual harassment
- Conflict of interest
- Corruption
- Suspected fraud
- Deviation of goods



Means of contact



Email:

eticaportonave@iaux.com.br



Phone:

0800 878 9017



Website:

www.canalintegro.com.br/portonave/

After registration, the manifestations, whether anonymous or identified, are sent to the Committee for analysis and developments – depending on the content, the investigation of the case can take place internally or even by an external company enlisted for this purpose. Throughout 2021, the Ethics channel received no reports on corruption cases.

INTEGRITY MEMO

In order to provide greater transparency and visibility to the norms present in the Code of Conduct, we created the “Integrity Memo”, the company’s internal communication campaign that addresses, on a monthly basis, daily actions related to the theme. The memo always provides the contacts of the Terminal’s Complaints Channel.

Our professionals undergo periodic training on ethics and integrity, including at the time of the hiring of new professionals. In 2021, 541 hours of training were carried out on the topic.



ANTI CORRUPTION

In 2020, Portonave became a signatory to the business pact for integrity and anti-corruption, a voluntary commitment of Brazilian organizations, both public and private, to promote a market of greater integrity and ethics. As a signatory, it has the responsibility to disseminate Brazilian anti-corruption legislation to its stakeholders, as well as prohibit any form of bribery, striving for transparency of information and collaboration in investigations, whenever necessary.

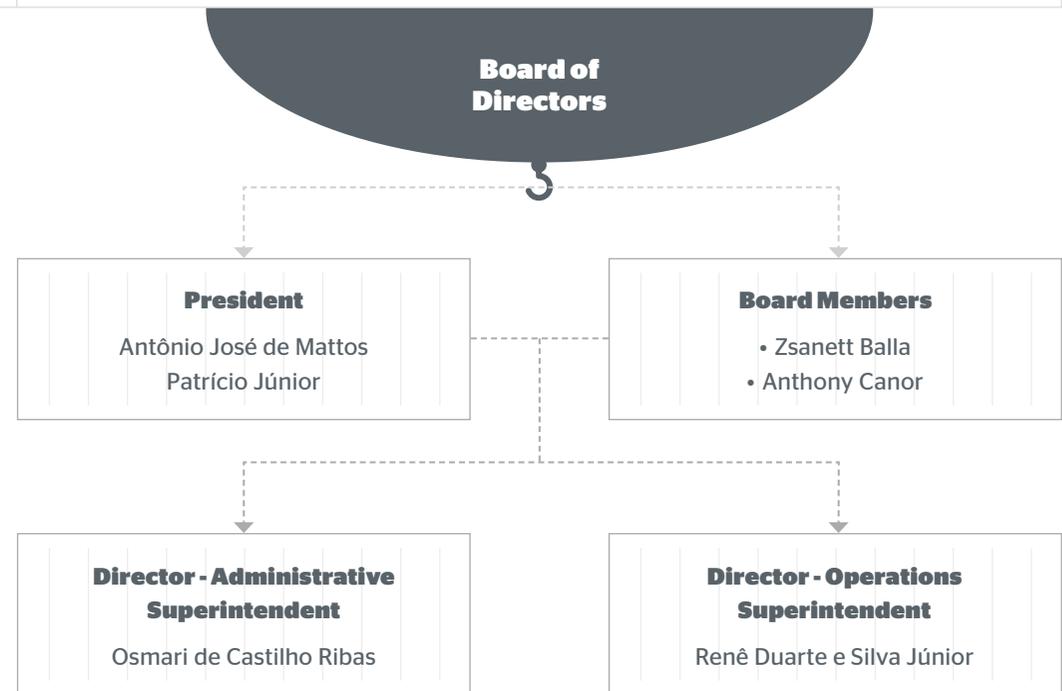
In 2021, in addition to achieving ISO 37001 (see more on page 11), we began the search for the Pró-Ética seal, an initiative of the Instituto Ethos and the Comptroller General of the Union (CGU), which aims to evaluate and publicize companies actively engaged in building an environment of integrity and trust in business relations. To this end, the proposing company must meet a series of requirements, ranging from the commitment of its top management to ethics to the management of reporting and remediation channels. The evaluation by Pró-Ética will take place in the second half of 2022.

governance

[GRI 102-18; 102-19; 102-20; 102-22; 102-23]

The Board of Directors of Portonave is the body responsible for defining the business strategy, as well as how policies and guidelines drive its execution and keep the company in line with good practices of corporate governance. The board members are also tasked to analyze risks and opportunities related to the activities of the Terminal – including in-depth evaluations on economic, social and environmental aspects. The Board's decisions guide the actions of the Directorate-Superintendence, who represent Portonave together with the other stakeholders, guiding the professionals in the development of the actions provided for in our strategic planning.

THE BOARD SHALL NOT EXERCISE AN EXECUTIVE FUNCTION, SO THAT THERE ARE CONFLICTS OF INTEREST IN THEIR ACTIVITIES, AS WELL AS IN THEIR ACTIVITIES DEVELOPED BY OTHER MEMBERS IN OTHER ORGANIZATIONS.



risk management

[GRI 102-15]

In conjunction with best governance practices, our corporate risk management is carried out in a transversal manner. This requires the involvement of all areas of the company, which accommodate fundamental aspects to the development of our activities – macroeconomic, regulatory, operational, financial, technological, social and environmental, among others.

Risk management enables the effective handling of uncertainties related to such aspects – risks, threats, or opportunities – in order to improve our ability to generate and preserve value.

Those responsible for risk-related aspects draw up action plans dedicated to the mitigation of

such threats or to increase the probability and/or impact of the materialization of opportunities, evaluating developments with regularity. The planned actions are performed by the team under the validation and supervision of the Directorate Superintendence. Significant risks, with the greatest potential impact on the business, are reported and discussed with the Board of Directors.

To ensure the continuous improvement of these plans, internal and external audits are carried out periodically at Portonave. The Integrated Management System (IMS), for example, is audited annually by an independent organization, which assesses the degree of compliance with the policies and practices adopted by the

company in relation to certification requirements and other strategic parameters.

Other audits focus on technological tools and processes that control the access of people, vehicles, and cargo to the Terminal. Such procedures are relevant for customs control, generating information that interests the intervening agencies, such as the Brazilian Federal Revenue Service, the Ministry of Agriculture, Livestock and Supply (Mapa), and the National Health Surveillance Agency (Anvisa). In economic terms, the company's financial statements are subjected to annual verifications, also carried out by independent auditors – Ernst & Young (EY), the company responsible for auditing the Financial Statements for 2021.

sustainability committee

As a way to generate alignment between the business perspectives and the demands inherent to sustainable, local, and national development, at the end of 2021, we re-established our Sustainability Committee, composed of the Commercial, Administrative, Legal, Human Resources, Health, Safety and Environment, Maintenance, Engineering, SGI and Social Responsibility departments. Through monthly meetings, which began in 2022, the Committee proposes to consolidate the culture of sustainability within the Terminal, in addition to structuring and disseminating its ASG strategy (acronym for environmental, social and governance).

To outline this strategy, Portonave was guided by the Sustainable Development Goals (SDGs) of the 2030 Agenda, proposed by the United Nations (UN) in 2015. Thus, we intend to positively impact the fulfillment of the SDGs separately structured by working groups from the areas active in the Sustainability Committee, as shown in the infographic below.



Sustainability Committee working groups



To progress the projects, the groups and the committee will act in synergy, as follows:

- The working groups have autonomy for the creation and execution of projects and actions related to their respective SDGs;
- A monthly meeting takes place between the Committee and the coordinators of the working groups to monitor the actions;
- The Sustainability Committee reports to the board on the development of projects and actions;
- The communication of projects and actions are carried out by the respective committee;
- Portonave's channels, such as Ombudsman, the Ethics Channel, and suggestions for improvement cards are made available for suggestions and criticisms related to the topic.



businesses



market presence

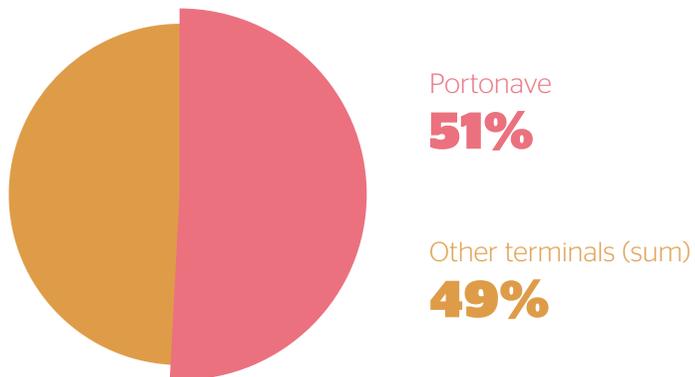
[GRI 102-6; 102-7;103-1; 103-2; 103-3]

Among Portonave's trading partners, importers accounted for 57% of the total 3,195 active clients in 2021, followed by exporters and shipowners. With nine maritime lines in operation, which transport goods between ports around the world, we remain the market leader among Santa Catarina terminals, being responsible for more than half (51%) of containerized cargo handling in the state – an increase of 5% compared to 2020 – see graphs on the next page.



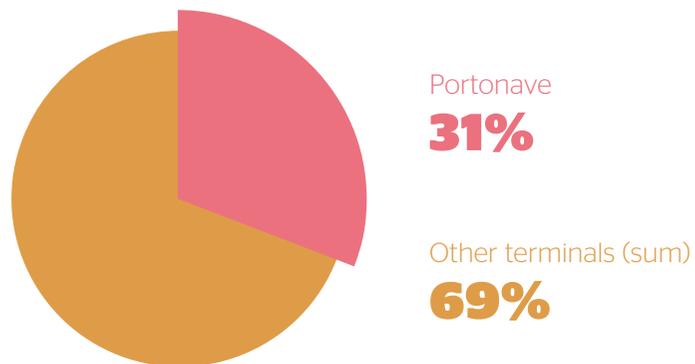
Market share

Santa Catarina

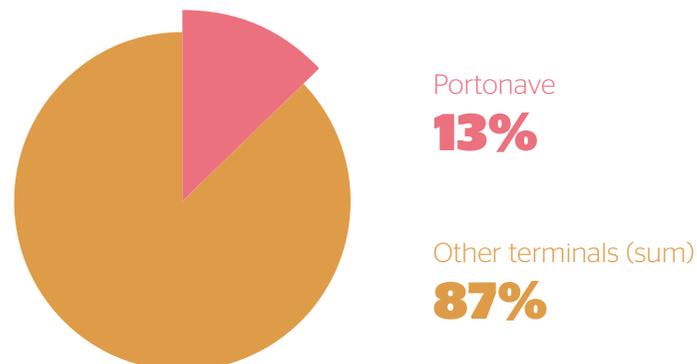


In the year, the most imported products by the Terminal were plastics and derivatives, which represented 18% of the total, followed by textile material (11%), machinery (10%), and chemicals (8%). China was the main country of origin of imports (46%), followed by the United States (11%), India (4%), Colombia (4%), and Belgium (4%), which also stood out among the markets served by Portonave in this segment. Among the exported cargoes, wood and frozen meat accounted for 49% and 27%, respectively, of the total handled. The main export destinations were the United States (25%), China (18%), Mexico (10%), and Japan (4%).

South Region



Brazil



operational performance

[GRI 103-1; 103-2; 103-3]

In the 12 months of 2021, Portonave handled 1.15 million TEUs, consolidating itself as the third largest port terminal in the country in the handling of containers, with emphasis on the months of February, March, May, September, October and December, when we exceeded the record mark of 100 thousand TEUs/month. In the year, there was a 29% growth in the handling of containers compared to the numbers of 2020 – when the Terminal handled 893.6 thousand TEUs.

Among the several factors that contributed to the expressive growth is the more active operation of the New Basin due to the development of the Port Complex of Itajai and Navegantes, allowing the receipt of large vessels, with greater cargo capacity. Since the completion of the first stage

of the construction in 2020, the complex has been able to dock the so-called giant ships, a fundamental differential for the competitiveness of the port sector in the region – see more on [page 25](#).

In addition, Portonave recorded 59 extra stop-overs in 2021. In general, the positive results obtained, despite the pandemic scenario, are justified by the essentiality of the port sector, fundamental both to the supply of industries, supermarkets, hospitals, and inputs for internal consumption in general, as well as the shipment of products and raw materials to other countries. Imports showed an increase of 38% in relation to 2020 (51,221 boxes). Exports, an increase of 23% in the same period (39,097 boxes).



We also highlight the handling of frozen cargo, which increased by 19% over the year – between January and December, there were 65 thousand reefer containers handled. Most of this result is related to the export of animal protein (poultry, pigs and cattle), which represented about 91% of the total frozen cargoes shipped at the Terminal – a reflection of the great competitiveness of the Brazilian agro-industry in this segment. The Iceport cold storage terminal has contributed significantly to this performance by providing a complete logistics solution to clients who need frozen cargo storage and depot services.



THE FIGHT AGAINST COVID-19

In the face of the Covid-19 pandemic, we strictly follow all the protocols established by the health and port authorities, in addition to adopting additional preventive measures in order to protect professionals, third parties, service providers, and others involved in the Terminal's activities, as well as the entire community. In parallel, we changed our operational schedule whenever necessary to prioritize the disembarkation of items used in the fight against the pandemic, such as protection equipment for front-line workers – masks, gloves, and disposable aprons – and other medical-hospital materials necessary for the care of the population.



evolution basin: milestones of 2021

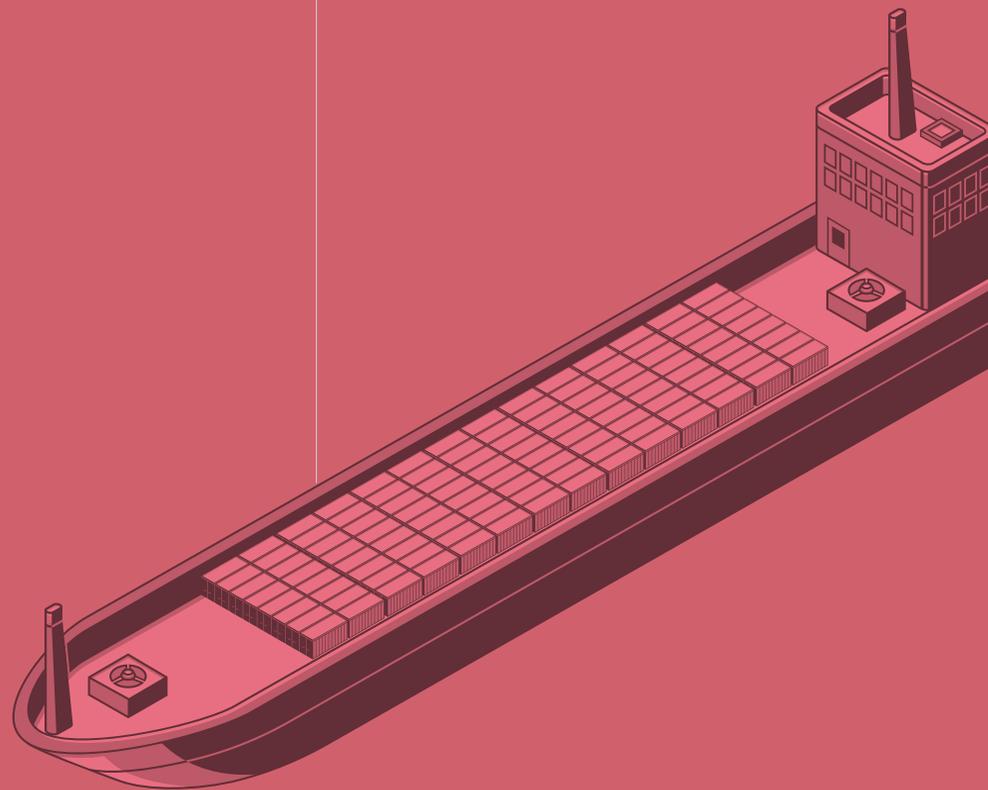
[GRI 103-1; 103-2; 103-3]

In December 2021, the Captaincy of the ports of Santa Catarina authorized, for the first time in the history of the Terminal, the realization of 50 special maneuvers for night departures from the Port Complex of Itajai and Navegantes. This first operation took place with the ship Ever Lotus, which has 334 meters of LOA (a measurement referring to the maximum length of a vessel), of the shipowner Evergreen.

Also for the first time, in August 2021 Portonave operated the ship YM Tip Top, of the shipowner Yang Ming, which has the largest TEU capacity ever received by the Terminal. The vessel has a capacity of 12,726 TEUs and measures 332 meters in

length Businesses 48.2 meters wide. Such handlings were only possible because, in 2020, effective operation of the New Evolution Basin, with about 500 meters in diameter, was initiated, which allows the maneuvering of ships of up to 350 meters long and 48.5 meters wide (mouth).

For 2022, Portonave and other local agents are mobilized for the second phase of the evolution Basin works, in order to prepare the area to receive vessels of up to 400 meters long, thus improving the competitive conditions of the complex. The development requires investments for this phase, which already has its environmental project and licensing approved.



supply chain

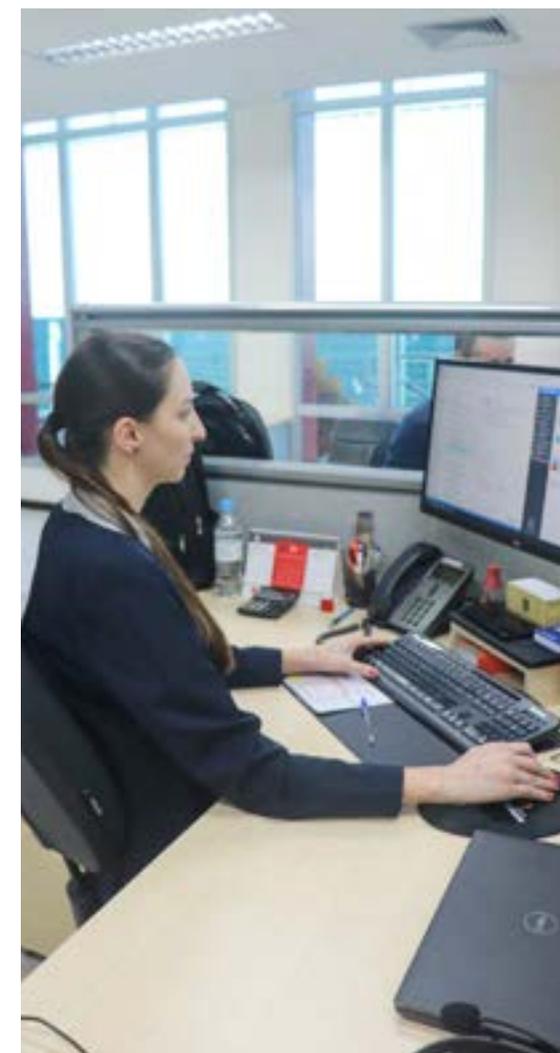
[GRI 102-9; 103-1; 103-2; 204-1; 308-1; 414-1]

Portonave's fundamental partners, in addition to the clients, include other companies producing goods and service providers, who act as suppliers of the Terminal. Based in different regions of Brazil – and, in some cases, abroad – these companies supply the company with equipment, materials, inputs, and services necessary for operational and administrative activities. In order to boost the local economy, we prioritize contracting companies from the region, whenever possible. In 2021, of the R\$ 137.1 million paid to suppliers, R\$ 81.4 million went to organizations based in Santa Catarina – 40% of this amount was spent on companies located in the surrounding areas of the Terminal, in the cities of Navegantes, Penha, Piçarras, and Itajaí.

Aligned with the best practices of integrity and compliance in its relationships with suppliers,

Portonave requires that all contracts signed contain clauses prohibiting the use of child labor, forced or similar to slave labor, as well as acts characterized as corruption. This practice is part of a strict supplier selection system, which includes the evaluation of documents certifying compliance with legal, environmental, and social requirements of the company, as well as its compatibility with the Code of Ethics and other corporate policies of the Company.

As a final step in the procurement process, companies are also evaluated on aspects related to the quality of the products and services offered. The supply chain management process is all digitalized, contributing to the strengthening of the company's compliance policy, which deters the occurrence of fraud.



value generation and distribution

[GRI 201-1]



In 2021, the revenue for the purpose of compounding value Portonave's added value reached about R\$ 923.8 million¹. The following table demonstrates how the economic value generated by the company was distributed. Other information can be accessed in [The Company's Financial](#).

¹ (Revenue) Added Value Generation consolidated, including Iceport values.





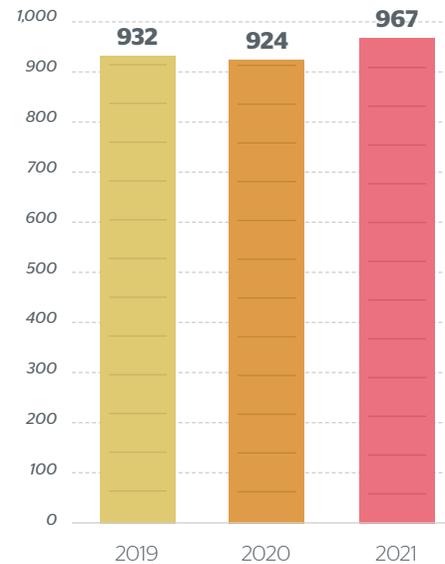
**care for
the team**

profile of the professionals

[GRI 102-8; 103-1; 103-2; 103-3; 401-1]

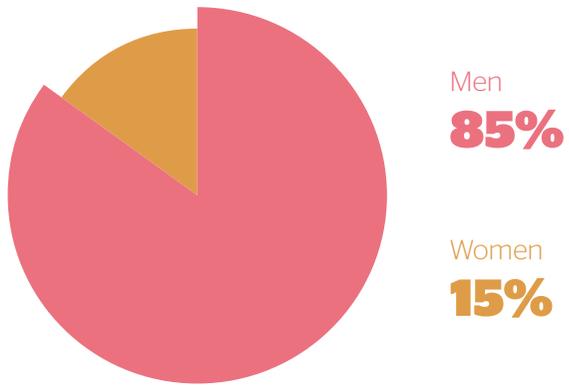
In December 2021, our functional framework was formed of 967 direct employees² – a 5% increase compared to 2020 – of which 89% resided in Navegantes or in two neighboring cities – Itajaí and Penha – which reflects the Terminal's strong bonds to the community in which it is inserted. Most of our professionals were composed of men (85%) aged between 30 and 50 years – the age group of 71% of the total professionals, regardless of gender.

Number of professional employees

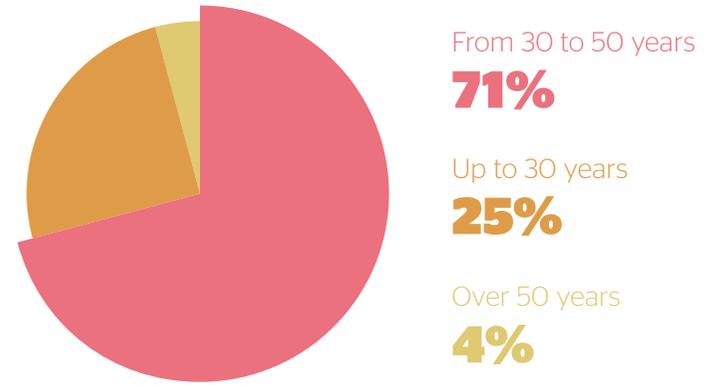


2 Of the total number of professionals, 14 worked part-time (with shifts of 4 or 6 hours daily). During the Year, 13 people were temporarily hired by the company, to replace professionals on vacation and meet the demand increase.

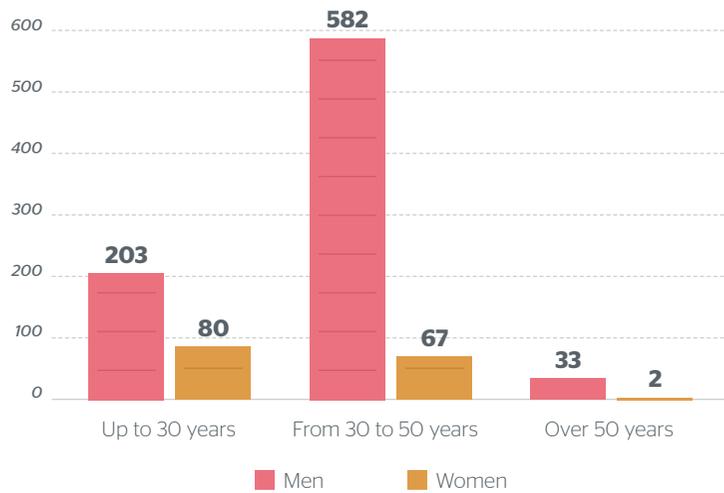
Professionals, by gender



Professionals, by age group



Professionals, by age group and gender



City where professionals reside - 2021



HIRINGS AND DISMISSALS

[GRI 401-1]

Throughout 2021, Portonave hired 139 professionals and dismissed 110. Thus, the company's hiring rate reached 14.4%³ in the period, while the turnover rate approached 11.4%⁴. Unlike what happened in the first year of the pandemic, when the Terminal postponed the hiring of employees and opted only for the replacement of essential positions, in 2021, we opened 29 job positions. The resumption is mainly due to the beginning of the vaccination against Covid-19 and the safer measures to control the pandemic adopted over the past year.

In 2021, our recruitment and selection process was automated and began to prioritize remote interviewing, which contributed to the optimization of resources and offering greater health security to candidates. It is also worth mentioning that 68% of the hires made in the year were professionals residing in Navegantes, which reinforces Portonave's continued commitment to the local community.

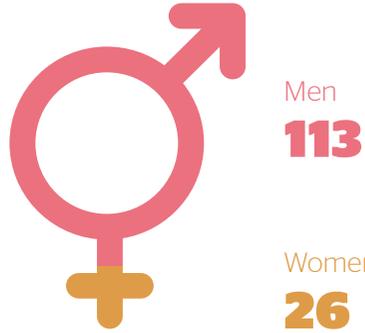
³ Number of employees hired/total number of employees.

⁴ Number of employees dismissed/total number of employees.

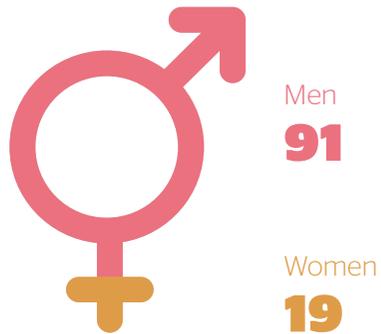




Hirings, by gender



Dismissals, by gender



Admissions, by age group and gender

Age group	Men	Women	Total
Up to 30 years	59	19	78
From 30 to 50 years	52	7	59
Over 50 years	2	0	2

Layoffs, by age group and gender

Age group	Men	Women	Total
Up to 30 years	31	8	39
From 30 to 50 years	53	10	63
Over 50 years	7	1	8

remuneration and benefits

[GRI 402-1]

Portonave offers fair remuneration, compatible with the salary practices of the port sector and the region in order to attract and retain its professionals. To ensure greater competitiveness in the labor market, the company provides additional benefits to those provided for in the legislation, offering more safety and comfort to professionals and their families.

In line with the best negotiating practices, we entered into agreements with the two trade unions⁵ that represent the professionals of the Company regarding both their recommended benefits and the remuneration of professional employees. In

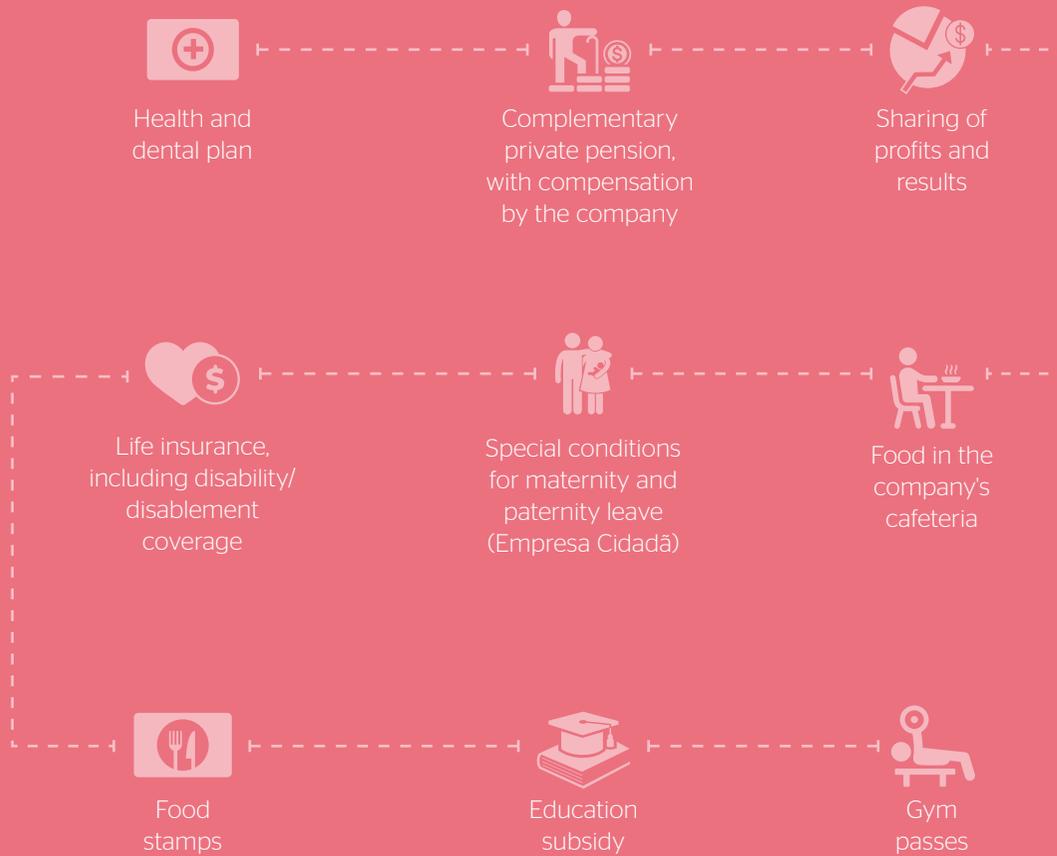
doing so, 100% of the work force is covered by collective bargaining agreements signed with these entities.

In 2021, due to the Covid-19 pandemic, meetings for approving proposals were held digitally – each employee received a login and password to securely register their vote. The action contributed to the maintenance of social distancing among professionals who were on a face-to-face basis as well as for those in home office. The theme of the home office arrangement was actually one of the items voted on in the assembly, thus updating the agreements already in force.



5 Portonave professionals are represented by the Union of Maritime, River and Inland Water Transport, Workers and Employees in Similar Activities in the State of Santa Catarina (SIMETASC). Those hired by Iceport, in turn, are affiliated to the Federation of Workers in the Movement of Goods in General of Santa Catarina (Fetramasc) These institutions are responsible for establishing collective bargaining agreements with the company after approval of the proposals by the professionals at meetings.

Benefits offered to professionals



TRADE UNION FREEDOM

Portonave's Human Resources Policy ensures the rights to trade union freedom, collective bargaining and the internal representation of professionals in collective labor agreements.

corporate education

[GRI 404-1; 412-2]

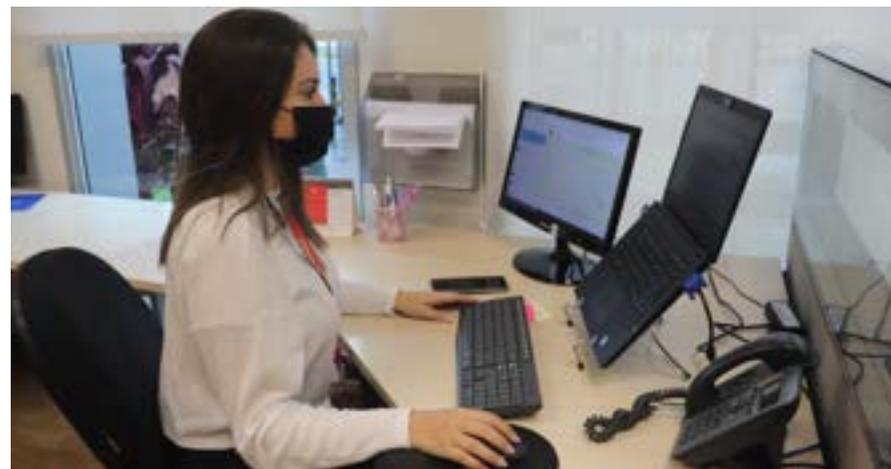
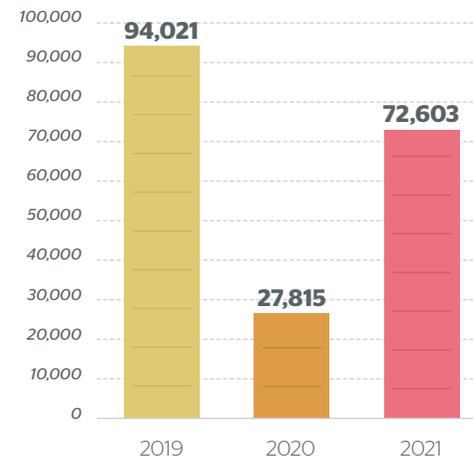
One of the pillars of our people management policy is the continuous development of the skills and abilities of professionals. To that end, the Company offers the technical and managerial training necessary for the exercise of the professionals' activities, in addition to subsidizing (partially) education in technical training, undergraduate, postgraduate, and language courses. In 2021, the Terminal invested R\$ 1.8 million in the education and training⁶ of its staff.

With the start of vaccination against Covid-19 and the science of safer social measures for the control of the pandemic, in 2021, most of the Company's training programs were made possible, for both professional training and development. Thus, the total number of professional training hours reached the mark of 72.6 thousand⁷ – about 60% more than that recorded in the previous year.

⁶ This includes subsidies for education.

⁷ Total includes hours of apprentice training.

Total number of training hours



Average number of hours of training, by functional category

Functional category	Male	Female	Total
Directorate-Superintendence	9.0	-	9.0
Management	55.4	111.0	65.5
Supervisors	51.8	32.0	50.9
Staff	35.8	37.0	36.0



Also contributing to this result were changes in the vocational course offered to young apprentices, which took on a higher workload than in previous years. In addition, improved adaptations to the courses' online or hybrid format, both for the institutions and the students, enabled a greater number of professional training and development actions in 2021. These distance-learning modalities have been permanently adopted by the company, as they significantly reduce the need to commute, thus optimizing resources.

HUMAN RIGHTS TRAINING

Every professional hired by Portonave receives training on the Code of Conduct, a document that includes the Company's commitment and guidelines on ethics and integrity. Thus, new employees receive guidelines on pressing issues of organizational culture such as non-discrimination and the fight against forced and child labor. Added to the training programs on diversity and inclusion, in 2021, there were 708 hours of educational training programs on human rights, where 614 people received training.

diversity

GRI 103-1; 103-2; 103-3; 405-1]

Our Code of Conduct provides for unrestricted respect for the individual characteristics and lifestyles of its professionals, as well as equal access to opportunities, regardless of gender, age group, ethnicity, or beliefs. Thus, the commitment to non-discrimination represents the basis of the company's organizational culture.

Regarding gender equity, male predominance, a characteristic of the port sector, is present in all functional categories of the company: in 2021, men represented 85% of the total number of professionals. In contrast, we ensure equal pay to men and women who perform the same functions, without exception.

The Company intends to handle more significantly the implementation of the Diversity and Inclusion Program in 2022, but already adopts inclusive practices and employs people with disabilities (PWD), who represented 4% of our professional employees in 2021.

Number of professionals by functional category

Functional category	Male	Female	Total
Board of Directors	2	1	3
Directorate-Superintendence	2	0	2
Management	9	2	11
Supervisors	21	1	22
Staff	786	146	932



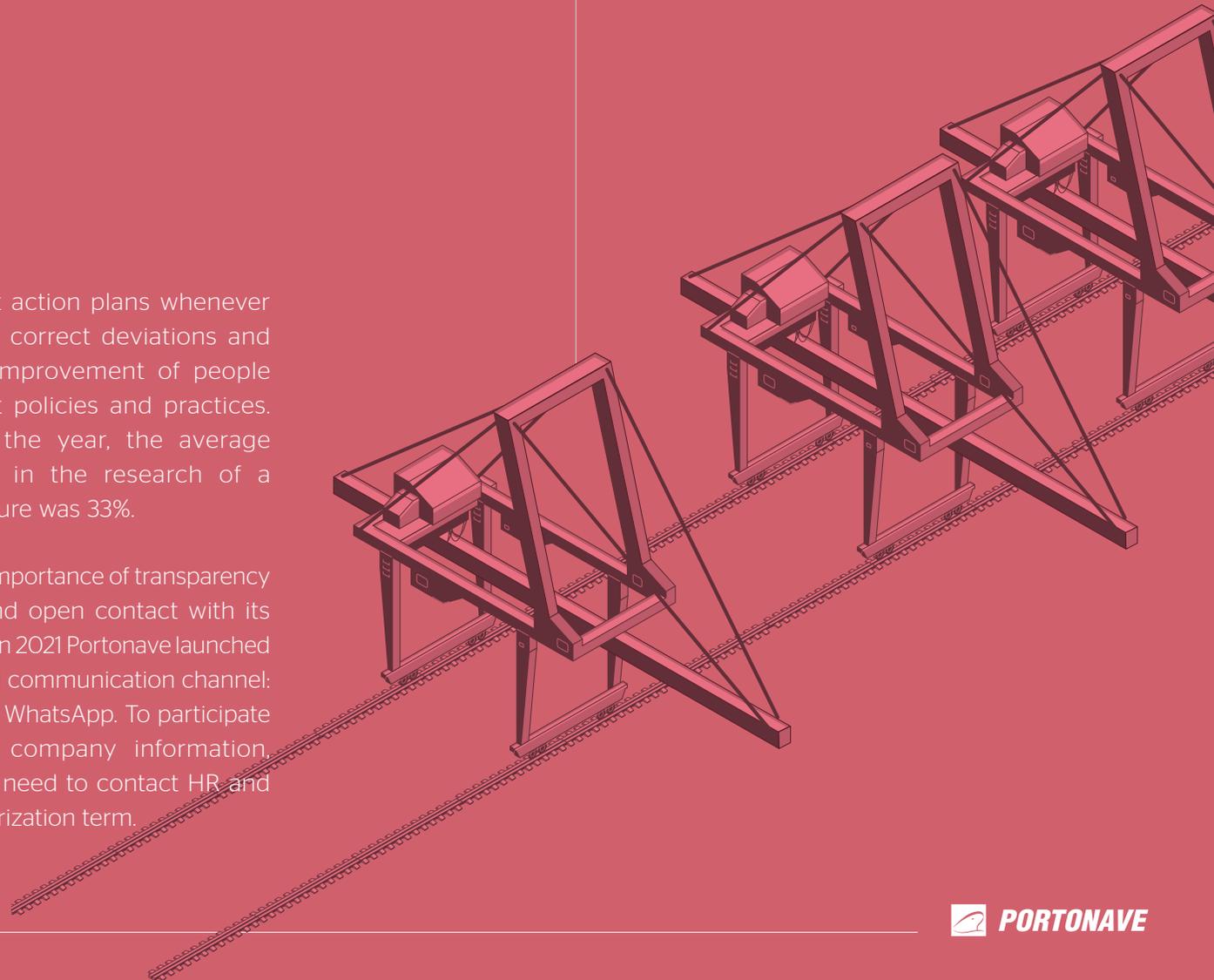
engagement

In 2021, the engagement index of our professionals obtained a score of 8.7 (on a scale of 1 to 10), according to the results of the Organizational Climate Survey employed by the company to identify perceptions in relation to the work environment. Each week, each professional is invited to answer a short questionnaire, which addresses issues related to corporate values and practices, professional development opportunities, well-being, and the quality of work relationships, among other aspects.

The responses are monitored in real-time by the managers of each area,

who conduct action plans whenever necessary to correct deviations and continuous improvement of people management policies and practices. Throughout the year, the average participation in the research of a voluntary nature was 33%.

Aware of the importance of transparency and direct and open contact with its professionals, in 2021 Portonave launched a new internal communication channel: the corporate WhatsApp. To participate and receive company information, professionals need to contact HR and sign an authorization term.



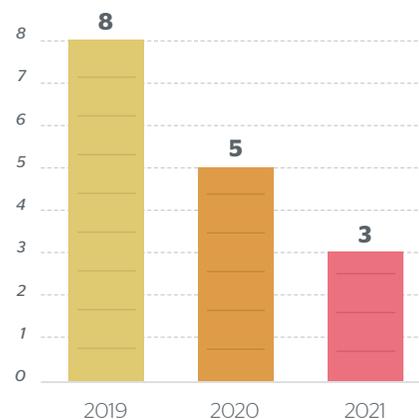
health and safety

[GRI 103-1; 103-2; 103-3; 403-3; 403-6; 403-8; 403-9]

In parallel with all the actions carried out to prevent Covid-19 (see [page 42](#)), in 2021, we followed the health and safety practices applicable to the Terminal in order to ensure the physical and emotional integrity of its professionals, and also to protect other people who pass through the Company's facilities. The Company's safety culture, shared by its professionals, provides full attention to the risks inherent to the port activity, properly monitored to prevent, control, and reduce accidents, incidents, and occupational diseases.

As a result of these efforts, Portonave complied with the safety standards established by TiL, its parent company. In addition, the Company underwent an external audit for the maintenance of ISO 45001 certification – related to occupational health and safety – with the identification of only one non-

Number of accidents with medical leave



compliance, which was remedied in the same year of 2021. The requirements of this certification, monitored by the Integrated Management System (IMS), especially reinforce the mechanisms of prevention and control of accidents and incidents.

In 2021, 12 accidents were registered in Portonave, classified as typical, in addition to 34 incidents (near-accidents) – all of which were rigorously evaluated to identify causes and developments in order to avoid recurrence. The main types of work accidents with injuries recorded affected the hands of professionals, especially in the operation of containers on board ships.



The investigation of accidents and incidents as well as the identification of risks related to the topic has the active participation of the Internal Commission for Accident Prevention (CIPA), composed of at least four members who represent the different operational and administrative areas and who collaborate with the development of preventive actions. CIPA also plays a key role in disseminating lessons learned from registered cases, which are shared with professionals whenever appropriate.

In addition to two CIPAS (one at Portonave and the other at Iceport),

in 2021 the Terminal had a team of firefighters composed of 60 people as well as accident investigation commissions formed after the occurrence of each incident and composed of at least four people – a SESMT professional (Specialized Services in Safety Engineering and Occupational Medicine), a member of CIPA, an immediate superior of the injured person, and a member of the SGI. These representatives are each responsible for the investigation and accident prevention actions among our professionals. The Company also has a committee for the Hearing Conservation Program.



Accident control 2021

Recorded accidents

	With leave	Without leave	Total
Number of work accidents (typical)	3	9	12

Additional indicators

	2020	2021
Number of hours worked	1,869,900.46	2,032,892.85
Number of days lost – accidents at work with leave	44	28
Number of accidents with serious consequences (except deaths)	5	3
Number of near-accidents	14	34

Frequency and severity

	2020	2021
Frequency Rate (FR) of Company employees ⁸	2.7	1.5
Severity Rate (SR) of Company employees ⁹	23.5	13.8

⁸ (N. F. of accidents with leave in the year x 1,000,000) / N. F. of hours worked in the year.

⁹ (N. F. of days of leave in the year resulting from accidents x 1,000,000) / N. F. of hours worked in the year.

INVESTMENT IN SAFETY AND ACCIDENT PREVENTION

In 2021, we invested R\$ 5.3 million in equipment, consultancies, and new technologies, in addition to routine actions to further improve our health and safety practices in the workplace. This amount was allocated to the following initiatives:

- Hiring a company specialized in the implementation of a software to improve the safety culture throughout the company;
- The purchase of a program for the adaptation and modernization to legislative norms;
- Realization of 40 drills, with emphasis on leakage of hazardous chemicals, falls of people into estuary waters, and fires and/or explosions;
- Routine safety inspections on board ships and in emergency preventive systems such as fires and chemical accidents;
- Work Permits for Hazardous Activities, with job safety analysis built into the tool, through which the company conducts surveys of work-related risks and hazards;
- The installation of devices onto operational equipment to assist the prevention of accidents, such as anti-fatigue sensors, anti-hoisting sensors, in addition to the study on a device that prevents collision accidents of the RTG cable winder with an operator's cab; and
- Traffic safety campaigns, with educational videos, stickers, and information leaflets.



PERMANENT ACTIONS TO COMBAT COVID-19



Continuous guidance to all stakeholders, through the dissemination through different internal communication channels of official and up-to-date information on preventive care and case reports among professionals.



Surveys for the suspension of face-to-face activities and monitoring of professionals who were part of the risk group.



Offering alcohol gel in all access points to the Terminal and intensification of cleaning and sanitization procedures in facilities and equipment, based on the guidelines of the health authorities.



Acquisition of additional stock of specific personal protective equipment, such as disposable masks and gloves.



Assignment to home office for administrative professionals.



Monitoring and follow-up by the healthcare team of professionals who present flu-like symptoms and/or respiratory patients, who had been in contact with suspected or positive cases and confirmed cases.



Testing in all professionals with symptoms or who had been in contact with a positive case.



Acquisition of ozone generating equipment used for the disinfection of spaces, surfaces, and equipment – effective against viruses, bacteria, fungi, germs, spores, cysts, protozoa, etc.



VACCINATION TASK FORCE

The Terminal, in partnership with the Health Department of the Municipality of Navegantes, at the end of July employed a task force to apply the first dose of the coronavirus vaccine to all its professionals. It took four days to complete the vaccination of the professionals. The measure took place at our headquarters, which received the city administration's immunization team. Port workers are part of the priority group designated by the Ministry of Health in the National Immunization Plan.

Check out the highlighted efforts of 2021 taken to combat the pandemic:

1 - Communication measures

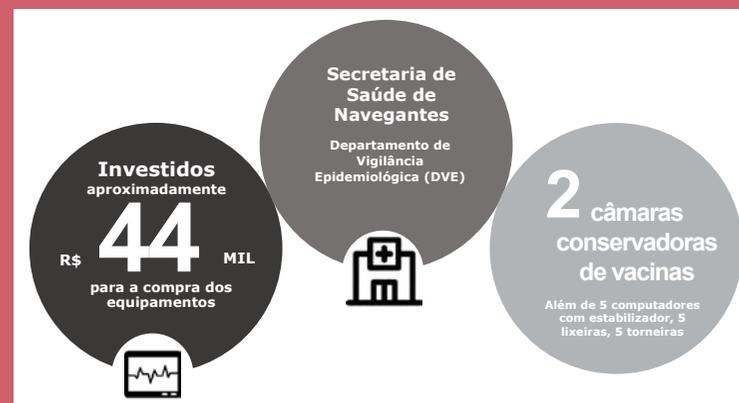


2 - Preventive measures

Investment of **R\$ 1,101,736**



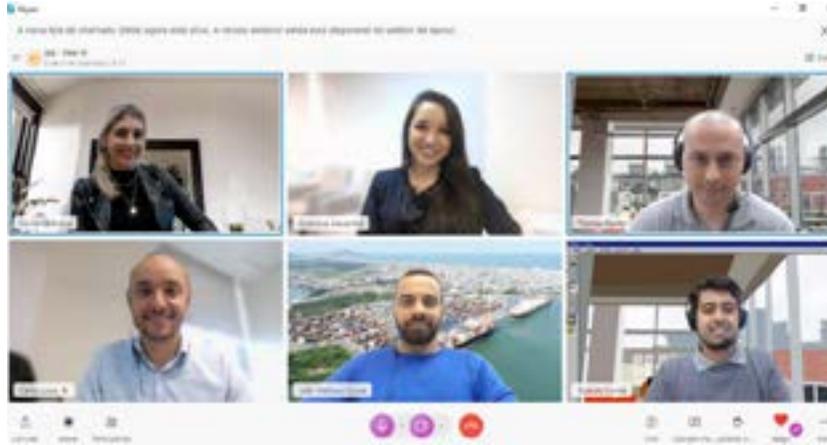
3 - Social Actions



Portonave donated kits of personal protection equipment to the Department of Epidemiological Surveillance (EVD) of the Health Secretariat of Navegantes, in addition to two conservative vaccine chambers with 510-liter capacity each, complete computers with stabilizers, five bins and five water taps with sinks.

ELLNESS

In 2021, we maintained the same actions adopted in the previous year to promote the well-being of professionals, aimed at mitigating the impacts of the pandemic on the health and daily life of everyone. Activities such as laboral gymnastics were performed in the online format for the professionals who stayed in home offices as well as offered in-person while maintaining a minimum distance between professionals. The company also followed up with virtual meetings throughout the year, with the objective to integrate and promote the exchange of experiences and create a space of relaxation and welcoming in order to reproduce – even if partially – the contact provided by the workplace coffee breaks or the traditional happy hours. In addition to conversing about the work routine and family life, the participants received information from specialists on maintaining a healthy body and mind.



SPECIAL EVENTS

In September, between the 20th and 24th, Portonave held another edition of the internal Week Of Workplace Accident Prevention (SIPAT), for the second year in online format, offering a series of lectures and educational activities on ergonomics, physical activity, healthy eating, safe behavior, and mental hygiene. In the weeks prior to SIPAT, internal campaigns guided teams on how to participate in the event and access virtual meeting rooms. In all, there were five lectures with 1,842 hours of training and an average of 368 participants per lecture.



socio-environmental management

social action

[GRI 413-1]

The Portonave Institute, a non-profit institution dedicated to the management of Social Investment of the Terminal, establishes, in an ethical and transparent way, partnerships with local organizations for the execution of socio-environmental programs and projects. In addition, different actions are developed or supported by Portonave through tax deductions and direct investments. In 2021, the contributions made by the company through these efforts reached R\$ 1.55 million. Due to the second year of the pandemic, most of the supported projects had their activities suspended, following the recommendation of the health authorities regarding social distancing. In some cases, the actions were adapted to online format and the rest are expected to resume as soon as it is considered safe for all those involved.



PORTONAVE RECEIVES THE 2021 CITIZEN ENTERPRISE AWARD

In September, the Association of Sales and Marketing Managers of Brazil in Santa Catarina (ADVB/SC) awarded the Terminal The 2021 Citizen Company Award, in the category of combating the pandemic with the campaign “#JuntosSomosMaisFortes against Covid - 19”.

Since the World Health Organization's (WHO) declaration of the pandemic on March 11, 2020, the company has taken sanitary measures to combat the New Coronavirus.

FEATURED PROJECTS



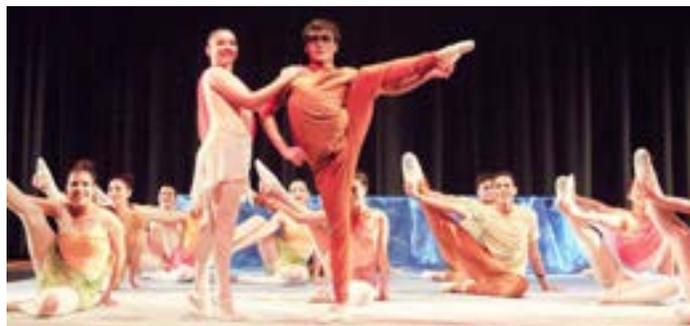
Virtual Race – Practicing safe sport during the pandemic

Held since 2008 with our support, the Navegantes Beach Race was replaced, exclusively in 2021, by the Virtual Race, a Terminal incentive to practicing safe sport during the Covid-19 pandemic. In all, the event brought together 426 participants, 169 professionals from Portonave and 267 people from the community, including runners from other cities in the country. All runners received a kit with a t-shirt, visor, medal, and online certificate and they were allowed to choose the safest place for the route. The race was held between June 12 and 20, with the time and distance recorded by the participants themselves, who chose to run 5 or 10 kilometers.



Dance and Shine Project – Port Cities

Developed with the support of Portonave, the project produces the theatrical performance “We are all Elements of Life in Water” – a piece with an environmental theme based on the Sustainable Development Goals (SDG) of the United Nations with emphasis on the conservation of water resources (SDG 14). Due to the pandemic, the presentation was adapted to the online format and in 2021 it was premiered on the project’s YouTube channel, which is available for free access. The show featured audio description, sign language, and information in Braille. It is estimated that 34,000 people have already watched the presentation.



Surf Without Limits

Sponsored since 2019, Surf Without Limits is held by the *Escola de Surf Amigos da Atalaia*. The program promotes the practice of surfing, through free classes as a therapeutic and social integration method for people with disabilities.





The book *Mar de Soluções*

In February, the Secretary of Education of Navegantes received one hundred units of the book *Mar de Soluções* (Sea of Solutions) to be distributed free of charge to schools of the municipal education network. The work discusses in a playful way the importance of the oceans, the problem of garbage in the sea, focusing mainly on plastic waste, and simple solutions to mitigate these problems, which are within everyone's means. The publication is part of the *Somos Do Mar* (We are of the Sea) project, sponsored by Portonave and which, before the pandemic, circulated around the Brazilian coast with free environmental educational activities. With the restrictions imposed by the health crisis, the couple Diulie Tavares and Rafael Langella, creators of the project, sought an alternative way to continue their message to children and adolescents. Thus, the book *Mar de Soluções* appeared in 2021.



Tarrafa Cultural

Tarrafa Cultural (Cultural Cast Net in English) is a project that handles the cultural scene in the municipality of Navegantes, with artistic manifestations, online courses, support to local artists and encourages the regional culture, such as fishing and crafts. Carried out by the Portonave Institute, Tarrafa Cultural was approved by the Ministry of Tourism, by the Special Secretariat of Culture through the Law of Cultural Incentive (Rouanet Law). The community is invited to participate in the activities and singing and dancing classes, a quick registration on the [website](#) of the Institute. In 2021, the project promoted, in addition to classes, free cinema sessions open to the community, at the Unified Arts and Sports Center (CEU) of the city, and the Choral Festival, which toured Navegantes neighborhoods between December 19 and 22 with Christmas choirs.

Another action promoted by Tarrafa in 2021 was the Poetry Contest, conceived by the Portonave Institute. Students of the 5th and 6th grades of elementary school from twelve public schools of Navegantes sent in a total of 215 poems to the review commission. Of these, ten were awarded with gifts such as bicycles, skates or skateboards, plus protection kits against Covid-19. The participation of the students was so successful that the project expanded the number of awarded poems from six to ten.





Projeto Tilápia na Caixa D'Água

With the goal of generating an alternative source of income for the families of fishermen of Navegantes, we support the *Projeto Tilápia na Caixa D'Água* (Project Tilapia in Water Tanks) through donations and in partnership with the Charitable and Cultural Assistance of Artisanal Fishermen Association of the Municipality of Penha (APAPE). Through the project, water tanks are built for raising tilapia fish within the lands of the associated families, which must maintain them and through them are able to obtain a new source of income and subsistence in fishing off-seasons. Started in July 2021, the project is under development, but the expectation is that, once consolidated, approximately one ton of tilapia should be produced within six months for the participating families.



Projeto Nadar

An initiative of the Aquatic Center for Athletic Development and Rehabilitation, since 2019, *Projeto Nadar* (The Swimming Project) has also been sponsored by Portonave, with swimming and water aerobics classes designed especially for public school students, the elderly, and people with respiratory comorbidities. In Navegantes, about 100 children were assisted in 2021 by the project, in compliance with all Covid-19 prevention protocols.



Programa Educacional de Resistência às Drogas e à Violência (Proerd)

We sponsor the graduations of the *Programa Educacional de Resistência às Drogas e à Violência* (Proerd), (Anti Drug and Violence Educational Program) of 13 schools of the public and private education networks of Navegantes. In all, 557 children aged 10 and 11 were assisted by the project conceived by the Military Police. The objective is to enable the students to resist drugs and violence through educational projects. For 10 weeks, they had weekly classes lasting one hour, conducted by trained police officers and accompanied by class teachers. The graduations were held in the first weeks of December 2021.





Projeto Praia Limpa

Projeto Praia Limpa (Clean Beach Project) was carried out in Central Beach, Navegantes on the 4th of December. The initiative, conceived by the NGO Eco Local Brazil, transforms plastic garbage removed from the beaches into toys for donation. Other local projects, volunteers, friends, and the benefited institution are invited to participate in each planned activity of this project. In Navegantes, volunteer firefighters were chosen as a beneficiary institution, with the operational support of the Military Fire Department and Portonave professionals. All the collected plastic was recovered and turned into toys through a partnership with a company from Timbo, Santa Catarina. The delivery of the toys took place after December 15.

In addition, we participated in *Projeto Atitude pelos Oceanos* (Attitude for the Oceans Project), another clean-up project for the beaches, islands, and slopes of the Brazilian coast, carried out in partnership with Eco Local Brazil. The project is responsible for the proper disposal of the collected waste and transforms it into products for daily use, promoting reuse with social benefits.



Youth Opportunity

The Youth Apprentice Program is one of Portonave's most socially impactful initiatives and is related to preparing youths for the job market. The Youth Apprentice Program is designed for high school students from public schools in Navegantes who are between ages 16 and 18 and have a family income per capita below minimum wage. Hired as apprentices, they remain at the Company for up to one year. Every year, around 50 youths participate in the program through courses developed by the National Commercial Learning Service (Senac) and the National Industrial Learning Service (Senai), partners of the company.

In 2021, as in the previous year, it was necessary to suspend face-to-face activities due to the pandemic and adapt the apprenticeships to the online format. In addition to the trainees of the program are the Company's trainees, who have the opportunity to acquire professional experience in different areas of the Terminal, based on activities developed in partnership with the Eivaldo Lodi Institute (IEL).

CORPORATE CONNECTIONS

[GRI 102-12; 102-13]

The participation in organs, forums, and committees led or promoted by governmental and non-governmental organizations is an important resource for the company's development. In 2021, we integrated the following initiatives and organizations:

- Brazilian Association of Cold Storage Industry (Abiaf);
- Brazilian Association of Maintenance and Asset Management (Abraman);
- Brazilian Association of Animal Protein (ABPA);
- Brazilian Association of Human Resources (ABRH) Coastal - Regional Itajai;
- Brazilian Association of Training and Development (ABTD);
- Brazilian Association of Container Terminals (ABRATEC);
- Brazilian Association of Port Terminals (ABTP);
- Association of Private Port Terminals (ATP);
- Association of Sales and Marketing Directors of Santa Catarina (ADVBS/SC);

- Itajai Business Association (ACII);
- Business Association of Navegantes (ACIN);
- Municipal Council of Tourism of Navegantes (COMTUR);
- State Commission for Public Safety in Ports, Terminals and Waterways in Santa Catarina (Cesportos/SC);
- Federation of Business Associations of Santa Catarina (Facisc);
- Federation of Industries of the state of Santa Catarina (Fiesc);
- Federation of Workers in the Handling of General Goods of Santa Catarina (Fetrammasc);
- Union of Maritime, River and Inland Water Transport. Workers and Employees in Similar Activities in the State of. Santa Catarina (Symmetasc).

AGENDA 2030

Portonave is part of the Santa Catarina SDG movement, which aims to contribute to the achievement of Sustainable Development Goals (SDGs) of the 2030 Agenda proposed by the United Nations (UN) in 2015. The movement is composed of non-partisan, plural, and ecumenical volunteers. Thus, the company joins the group of people and organizations that seek the construction of a just, environmentally sustainable and economically balanced society.

NAVEGANTES SOCIAL SEAL

The program, articulated nationally by the Social Seal Institute, qualifies and measures results of actions, through monitoring and recognition of the social impacts promoted by them. It is a certification granted to companies, social entities, and public bodies for initiatives that demonstrate social commitment to sustainable development. In Navegantes, in all, there were 14 certified institutions, among them Portonave, which promoted 32 projects throughout 2021 and benefited around 150 thousand people.

environmental management

[GRI 102-11]

With a focus on environmental conservation, we seek to ensure the rational use of natural resources, the mitigation of negative impacts to the ecosystem, and compliance with current legislation. To this end, Portonave carries out the monitoring of a series of environmental indicators, focusing on the continuous improvement of both risk assessment and the adoption of policies and practices related to the theme. Certified according to NBR ISO 14001, the Terminal has its environmental performance monitored by the Integrated Management System (SGI).

The following performance indicators are related to the environmental aspects considered most relevant to the business in 2021, the year in which the company invested over R\$ 1.4 million in this area.



WATER AND EFFLUENTS

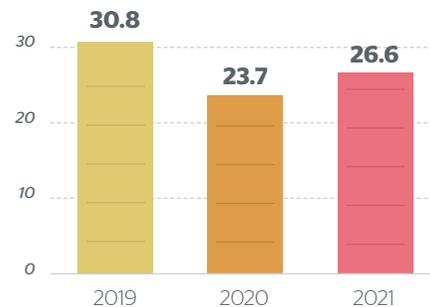
[GRI 103-1; 103-2; 103-3; 303-1; 303-2; 303-4; 303-5]

The water consumed in the operations in its entirety is provided by the Secretariat of Basic Sanitation of Navegantes (Sesan), responsible for the public water supply of the municipality. The resource is captured from the Itajai-Mirim River, without significant impact on the water bodies of the region, being used in the company's installations for cleaning activities and supply of toilets, changing rooms, and cafeteria. In order to encourage the rational use of water, communication campaigns seek to raise the awareness of professionals and visitors.

Water consumption is monitored daily by means of digital and analog water meters distributed at the supply points. In 2021, water consumption in Portonave totaled 26.6 megalitres – a volume higher than that recorded in 2020, due especially, to greater cargo handling and the growth of the Terminal operation, as well as to the gradual return of professionals to the in-person work arrangement.

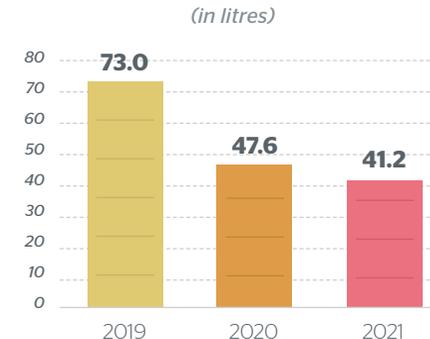
Aware of the importance of conscious consumption of water resources and aligned with best practices in 2021, the SGI implemented new monitoring

Water consumption (in megalitres)



**Data for 2019 and 2020 have been corrected due to monitoring adjustments by SGI.*

Water consumption per unit handled (in litres)



indicators of water consumption at the Terminal, which caused the data from previous years to be revised. With this, the Company intends to take more assertive and efficient measures in actions related to the management of water resources. To this end, in 2021 we also initiated a pilot project to capture rainwater from the parking area, which should be executed from 2022.

The effluents generated by the Terminal pass through the Thermal's Effluent Treatment Plant (ETP), in which the rate of removal of the organic load is close to 90%, which allows water resulting from this process of environmentally ideal conditions to be released into the water body (Rio Itajai-ACU) The sample collection to evaluate the disposal conditions is

performed monthly by a third-party company, which sends them in for laboratory analysis, whereupon the results obtained are compared with the standards determined by the current environmental legislation.

When deviations are identified, the environmental management team acts immediately to improve the processes and devices that ensure the quality of disposal.¹⁰

10 Due to a failure in the hydrometer, which occurred in 2021, it was not possible to consolidate the disposal of effluents relative to the accumulated of the year. This flaw has since been corrected, no major impacts have been detected, and the related data will be reported again in the next report.

WASTE

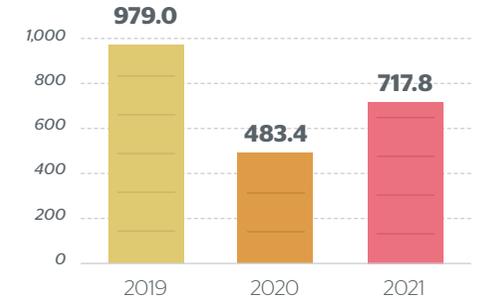
[GRI 103-1; 103-2; 103-3; 306-1; 306-3; 306-4; 306-5]

Portonave performs the treatment and final disposal of the waste generated from the Terminal's activities in accordance with the rules and legal provisions and in compliance with processes and parameters established by environmental agencies. Thus, appropriate separation, storage, and final disposal are carried out for each type of waste, while prioritizing recycling. The collection and final disposal are done by third-party companies, duly licensed for this activity.

All the Company's facilities maintain the selective collection system, with the availability of specific containers for the separation of waste and subsequent correct disposal. In 2021, 717.8 tons of waste generated by the Terminal were recorded. The increase in volume, in relation to 2020, is justified by the growth of the Terminal's operations in 2021 as well as by the greater circulation of people in our facilities in this period, with the gradual return of professionals to in-person work. Construction waste, metals, plastics, paper and wood, as well as non-recyclable and dangerous scrap, are among the main waste discarded.



Volume of waste generated (in tonnes)



Waste not sent to final disposal

Recycling (in tonnes)

Type	2019	2020*	2021
Hazardous	6.2	4.3	5.7
Non-hazardous	524.1	227.7	339.9

Waste destined for final disposal (in tonnes)

Type	Destination	2019*	2020*	2021
Hazardous	Landfill	43.8	44	47.1
	Adulteration	0	0.3	0
Non-hazardous	Landfill	404.9	217.1	325.1

*Data for 2019 and 2020 have been corrected due to monitoring adjustments by SGI.

ENERGY

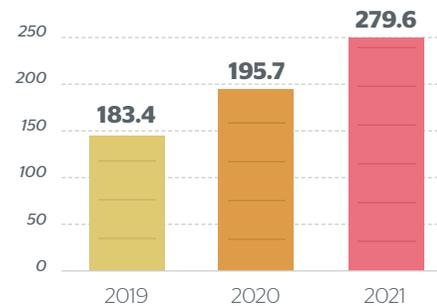
[GRI 103-1; 103-2; 103-3 302-1; 302-3]

Direct energy consumption, represented by the sum of electricity and fuels used, totaled 279.6 thousand Giga Joules (GJ) in 2021 – an increase of 42.9% compared to 2020. Of the total consumption, 81% corresponds to the electrical energy used to power the fleet of transporters used in the Terminal's operations. The variation in consumption is especially related to the increase in the handling of containers and access to the company in the reported period.

With the intention of further compensating for our energy consumption, in 2021, we initiated a study to increase the use of photovoltaic plants at Portonave. In order to monitor results and evaluate energy efficiency and cost reduction with the use of this solution, a first solar panel was installed in the Terminal's gatehouse, still in 2020, and we began monitoring its operation to assess the feasibility of extending the model to other areas. Over the year, the system generated 4.69 MWh.



Energy consumption (in a thousand Giga Joules)



Energy consumption, by source

(in thousand Giga Joules)

Electric Power	228.5
Diesel	49.0
Lubricant	1.3
Gasoline	0.7
LPG	0.1
Total	279.6

ATMOSPHERIC EMISSIONS

[GRI 103-1; 103-2; 103-3; 305-1; 305-2; 305-3; 305-4]

The Greenhouse Gas Emissions Inventory (GHG), prepared in accordance with the guidelines of the Brazilian GHG Protocol program, is among the main tools adopted by Portonave to identify the impact of its activities in relation to environmental aspects.

In 2021, gross direct emissions (Scope 1) – from stationary and mobile sources, as well as processes and emission leaks – accounted for 3,842.4 tCO₂e (tons of carbon equivalent, the unit used for the measurement of emissions).

The company's indirect emissions, related to the use of electricity (Scope 2), totaled 7,839.9 tCO₂e throughout the year. The other indirect emissions (Scope 3) totaled 319.01 tCO₂e – the inventory considered emissions related to the disposal of waste in landfills, business trips, and work-home commuting of the team.

Thus, the total emissions recorded in the sum of the three scopes was 12,160.52 tCO₂e – which is equivalent to 0.011 tCO₂e per TEU handled. The greatest variation in emission sources occurred from the acquisition of electric energy, impacted by the increase of over 100% in CO₂ emission factors from electricity generation in the National Interconnected System (SIN) of Brazil. In 2020, the average annual factor (tCO₂/ MWh) was 0.0617, while in 2021 it reached 0.1264, representing an increase of 104.8%.

MONITORING

Periodic monitoring of atmospheric emissions includes particulate matter (PM) and inhalable particles (PI). The first includes dust, smoke, and all kinds of solid and liquid material that, due to its tiny size, remains suspended in the atmosphere. The emitting sources of these pollutants are varied – from soot released by vehicles to smoke emitted by industrial chimneys, to dust deposited on streets and moved by wind or traffic. The inhalable particles, in turn, are even smaller in diameter and can reach the respiratory system, representing a greater health risk. In general, they come from the combustion of mobile and stationary sources, such as automobiles, incinerators, and thermoelectric power plants. During the year 2021, in the monitoring procedures carried out, concentrations of MP and IP were not found above the limit established in the applicable laws. These results are particularly due to the maintenance and periodic cleaning of the terminal circuit routes, as well as the preventive maintenance carried out on the entire fleet of vehicles of the company.

GHG emissions (by tCO₂e)



NOISE

[GRI 103-1; 103-2; 103-3]

The evaluation of the noise emitted by the thermal activities is part of our environmental monitoring actions. Thus, the measurement of noise levels is carried out monthly at 10 points in the vicinity of Portonave, following the methodology provided for in the technical standard related to the theme (ABNT NBR 10.151), such that the results are compared to the limits defined in the current legislation – City Code of the Municipality of Navegantes and Complementary Law No. 355/2008.

In 2021, punctual records were made of noise levels outside the permissible limits, during measurements carried out in places of high vehicle circulation, such as accesses to the Terminal and operating yard. Portonave monitors these deviations and has action plans in place to prevent any interference of its operations caused to the community. In this sense, the green curtain area located east of the Terminal stands out, which contains 765 m² of vegetation. The curtain acts as a physical barrier to obstruct the noise generated from port operations. In addition, it serves as an ecological corridor for birds that find food in this region, enabling integration of the local ecosystem.



ATTENTION TO THE FLEET

Portonave develops scheduled maintenance plans for its entire fleet of vehicles and equipment in order to ensure conservation and operation standards, reducing impacts related to atmospheric emissions and noise levels. The monitoring procedures extend to the fleet of carriers that frequent the Terminal. Samples are taken of the smoke released by the exhaust from third-party trucks that access the facilities. When limits are exceeded, owners are notified and instructed to make the necessary adjustments.

HAZARDOUS CARGO

Aiming for the total safety of port operations, vehicle traffic and the handling and storage of cargo classified as hazardous all follow national and international standards, as well as additional internal procedures. Both in exportation and importation of cargo of this nature, these procedures include physical checks of the cargo and thorough verification of the documentation presented by the shipowners, followed by risk analysis and directing to the appropriate area of the Terminal, which is segregated from other cargoes and monitored by a specialized team. The storage of hazardous materials follows a strict planning procedure, which prevents the approach of incompatible loads, reducing risks. It should be noted that, as provided for by the regulation, explosive or radioactive items cannot be stored, and are transported directly from truck to ship or vice versa.

about the report

REPORT PROFILE

[GRI 102-3; 102-45; 102-50; 102-51; 102-52; 102-53; 102-54; 102-56]

Guided by the guidelines of the Global Reporting Initiative (GRI), this edition of Portonave's Sustainability Report essentially presents information on the company's performance, highlighting its financial, operational, environmental, and social performance. In addition, aspects are reported relative to the

governance structure, competitive strategy, and the management model adopted.

Covering the period from January 1 to December 31, 2021, this report includes the operations of Portonave and its subsidiary, Iceport Cold Chamber Storage.

ENGAGEMENT OF THE STAKEHOLDERS

[GRI 102-40; 102-42; 102-43; 102-44; 102-46; 102-47; 102-49; 413-1; 413-2]

In addition to the strategic vision of Company, the themes and aspects highlighted in this report are based on the sustainability context in which Portonave is inserted, identified from the study of sectorial references, as well as the continuous interaction with its various stakeholders. For the 2021 reporting cycle, the restrictions imposed by the pandemic did not allow the holding of the customary Sustainability Panel, a face-to-face event promoted by the Company to hear its professionals, suppliers and members of the local community.

To this end, for the purpose of engaging the stakeholders in the materiality process, a platform consultation was developed online, in which 67 respondents participated, including professionals, clients, suppliers, industry companies, transporters, and financial

institutions, the press, community, and public bodies. In the survey, the participants indicated the degree of relevance in their perception of the themes related to sustainability pre-listed by Portonave.

ACESSO E CONTATO

Portonave publishes sustainability reports annually, which can be accessed at the Company [website da Companhia](#) – the previous edition, referring to 2020, was released in April 2021.

Questions and suggestions about the content of the publication can be sent to the email:
responsabilidadesocial@portonave.com.br

RELEVANT TOPICS

To define the themes presented here, the analysis of aspects considered priority internally were added to the consultation of the stakeholders – evaluated according to the characteristics and objectives of the business, corporate policies and practices, voluntary commitments assumed, and the strategic vision of senior management. In addition, global frameworks were considered relative to ESG and the 2030 Agenda for Sustainable Development, proposed by the United Nations (UN).

Based on this analysis, three strategic axes and 14 related material themes were predefined. The management and performance of the Company in relation to these themes were reported in this report based on the selected GRI indicators, as shown on the chart on the side.

Strategic axes	Relevant topics	GRI indicators
Management & Performance	Ethical conduct	102-17; 205-2; 205-3
	Risk and Opportunity Management	102-15
	Economic and operational results	201-1
	Relationship with clients	103-1; 103-2; 103-3
	Safety and quality of operations	103-1; 103-2; 103-3
	Supplier management and evaluation	103-1; 103-2; 103-3
Team & Community	Health, safety, and well-being of professionals	403-3; 403-6; 403-9;
	Professional Development	404-1
	Promoting diversity and defending human rights	405-1; 412-2
	Support for the local community	204-1; 413-1
Environment & Climate	Waste management	306-1; 306-2; 306-3; 306-4; 306-5
	Water and effluents	303-1; 303-2; 303-3; 303-4; 303-5
	Greenhouse Gas Emissions (GHG)	305-1; 305-2; 305-3
	Energy	302-1; 302-3
	Noise monitoring	103-1; 103-2; 103-3

Next, in the GRI content summary, of a remissive nature, we present the indicators selected according to each theme.



GRI SUMMARY

[GRI 102-55]

Organizational Profile

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-1	Name of organization	8	
	102-2	Activities, brands, products and services	8	
	102-3	Location of headquarters	8	
	102-4	Location of operations	8	
	102-5	Ownership and legal nature	8	
	102-6	Markets served	8	
	102-7	Organization Size	8	
	102-8	Information about employees and others workers	8	
	102-9	Supply chain	8	
	102-10	Significant changes in the organization and in its chain of suppliers	8	
	102-11	Adoption of approach or precautionary principle	52	
	102-12	External initiatives	51	
	102-13	Participation in associations	51	

Strategy

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-14	Statement from the executive with the greatest decision-making power in the organization	2	
	102-15	Main impacts, risks and opportunities	17	

Ethics and integrity

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-16	Values, principles, standards and norms of behavior	14	
	102-17	Mechanisms of advice	14	

Governance

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-18	Governance structure	16	
	102-19	Delegation of authority	16	
	102-22	Composition of the highest governance body and the governance	16	
	102-23	Composition of the highest governance body and the its committees	16	

Engagement of the stakeholders

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-40	List of groups of stakeholders	58	
	102-41	Employees covered by collective bargaining agreements	58	
	102-42	Identification and selection of stakeholders	58	
	102-43	Approach to engaging stakeholders	58	
	102-44	Themes and concerns raised by stakeholders	58	

Reporting practices

GRI Standard	Disclosure	Description	Page	Justification
GRI 102: General themes 2016	102-45	Entities included in the financial statements	58	
	102-46	Definition of content and limits of material themes	58	
	102-47	List of material topics	58	
	102-48	Reformulations of information	58	
	102-49	Changes in the report	58	
	102-50	Reporting period	58	
	102-51	Date of the most recent report	58	
	102-52	Reporting cycle	58	
	102-53	Contact info for inquiries about the report	58	
	102-54	Reporting premises in agreement with the GRI Standards	58	
	102-55	Summary of GRI content	60	
102-56	External verification		The report was not verified by an independent third party.	

Economic and operational results

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of the material topic and its limit	21	
	103-2	Form of management	21	
	103-3	Evaluation of the form of management	21	
GRI 201: Economic performance 2016	201-1	Economic value generated and distributed	27	

Safety and quality of operations

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of the material topic and its limit	10	
	103-2	Form of management	10	
	103-3	Evaluation of the form of management	10	
GRI 307: Environmental compliance 2016	307-1	Non-compliance with environmental laws and regulations		307-1: there were no fines or sanctions in 2021.
GRI 419: Socioeconomic Compliance 2016	419-1	Non-compliance with laws and regulations in the socio-economic area		419-1: there was no final fines or sanctions in 2021.

Health, safety, and well-being of professionals

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of the material topic and its limit	39	
	103-2	Form of management	39	
	103-3	Evaluation of the form of management	39	
GRI 403: Occupation al Health and safety 2018	403-3	Occupational health services	39	
	403-6	Occupational Health Promotion	39	
	403-8	Workers covered by a management system of occupational health and safety	39	
	403-9	Workplace accidents	39	

Promoting diversity and defending human rights

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of the material topic and its limit	37	
	103-2	Form of management	37	
	103-3	Evaluation of the form of management	37	
GRI 401: Employment 2016	401-1	New hires and employee turnover	29; 31	
	401-2	Benefits offered	33	
GRI 405: Diversity and Equal Opportunities 2016	405-1	Diversity in organs of governance and employees	37	
	412-2	Employee training in policies and procedures human rights	35	

Professional Development

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of the material topic and its limit	35	
	103-2	Form of management	35	
	103-3	Evaluation of the form management	35	
GRI 404: Training and education 2016	404-1	Average hours of training per year, per employee	35	

Ethical conduct and integration

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	14	
	103-2	Form of management	14	
	103-3	Evaluation of the form management	14	
GRI 205: Combat to corruption 2016	205-2	Communication and policy training procedures and procedures anti corruption	14	
	205-3	Confirmed cases of corruption and measures taken	14	

Support for the local community

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	26; 46	
	103-2	Form of management	26; 46	
	103-3	Evaluation of the form management	26; 46	
GRI 204: Purchasing practices 2016	204-1	Proportion of spending on local suppliers	26	
GRI 413: Local communities 2016	413-1	Operations with engagement, assessments impact and programs development focused on local community	46	

Supplier management and evaluation

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	26	
	103-2	Form of management	26	
GRI 308: Environmental assessment of suppliers 2016	308-1	New suppliers selected based on environmental criteria	26	
GRI 414: Evaluation social of suppliers 2016	414-1	New suppliers selected on the basis of social criteria	26	

Environment and climate

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	53; 54; 55; 56	
	103-2	Form of management	53; 54; 55; 56	
	103-3	Evaluation of the form management	53; 54; 55; 56	
GRI 302: Energy 2016	302-1	Energy consumption within the organization	55	
	302-3	Energy intensity	55	
GRI 303: Water and effluents 2018	303-1	Interactions with water as a shared resource	53	
	303-2	Impact management related to disposal of water	53	
	303-4	Water disposal	53	
	303-5	Water consumption	53	
GRI 305: Emissions 2016	305-1	Direct gas emissions from Greenhouse effect (GHG) (Scope 1)	56	
	305-2	Indirect gas emissions the Greenhouse Effect (GHG) Energy acquisition (Scope 2)	56	
	305-3	Other indirect greenhouse gas (GHG) emissions (Scope 3)	56	
	305-4	Intensity of emissions of greenhouse gases (GHG)	56	
GRI 306: Waste 2020	306-1	Waste generation and significant impacts related to waste	54	
	306-3	Waste generated	54	
	306-4	Waste not intended for final disposal	54	
	306-5	Waste intended for final disposal	54	

Noise monitoring

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	57	
	103-2	Form of management	57	
	103-3	Evaluation of the form management	57	

Relationship with clients

GRI Standard	Disclosure	Description	Page	Justification
GRI 103: Form of management 2016	103-1	Explanation of GRI material and its limit	21	
	103-2	Form of management	21	
	103-3	Evaluation of the form management	21	

Hours

SUSTAINABILITY REPORT 2021

Coordination:

Portonave-Commercial Management-Communication,
Marketing and Social Responsibility

GRI consulting and editorial production:

We Sustentabilidade

Image: Portonave Collection



PORTONAVE