



### ABOUT THIS REPORT

We are proud to present our first Sustainability Report, which outlines our strategy, priorities and performance in the aspects that are of greatest importance to the sustainability of SAAM S.A.

This document complements the 2016 annual report and has been prepared using the Global Reporting Initiative's G4 standard core option. The report focuses on the most relevant topics for SAAM and its stakeholders, determined using the GRI-G4 guidelines (see pg. 95).

The information presented herein covers our performance during the year 2016. It also includes data from prior years to offer additional context and discloses the main events that had occurred as of the date of publication of this document.

The report includes the company's corporate management and its three business divisions: Port Terminals, Towage Services and Logistics. As this is the organization's first report, systematized information for all subsidiaries and associates is not available for some indicators. Therefore, the scope of each indicator is specified in footnotes for each figure.

A team of representatives from SAAM's different corporate divisions and all subsidiaries and associates worked together to prepare this report. The project was coordinated by the Corporate Affairs Division and advised by external experts. The team responsible for gathering and validating all information worked to ensure compliance with GRI principles.

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Sustainability Report **2016** 



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Sustainability Report **2016** 



Dear Reader.

Report,. This document marks one more step in the countries throughout the Americas.

product or service to develop a business that lasts over time. Companies must not only comply with laws Ports and all the logistics involved-including towage employees, contractors, suppliers, shareholders and numerous cities have developed around ports. the communities and societies near our operations and, ethical standards.

to survey the company's stakeholders in order to identify each country. critical factors for sustainability. We then prepared a

materiality matrix and the SAAM Sustainability Policy. It is my pleasure to present SAAM's first Sustainability which was approved by the Board on August 5, 2016.

process to solidify sustainability within the company's All this reflects the importance that the company's strategy, elevating our organization's standards to Board has placed on sustainability and how to integrate those of a modern, globalized company operating in 15 it into the day-to-day operations of SAAM's numerous companies. Although the first stage will concentrate on Chile, the idea is for all subsidiaries and associates to act In recent decades, the global business world has and work under the same framework within the short-to demonstrated that it takes much more than a good medium-term in the different countries where we operate.

and regulations, but must also satisfy stakeholder services-must adopt policies that are environmentally expectations. At SAAM, sustainability involves operating responsible and sustainable, minimizing the impacts our business while creating value for our customers, of terminal operations and taking into account that

in turn, protecting the environment and upholding high We decided to begin with all operations in Chile and then gradually role out to the rest of the Americas in order to properly take into account variations in context and This report is the culmination of work that began in 2015 culture and the particular regulatory environments in first priorities, striving to build a model that is easily activities. replicated or adaptable to subsidiary and associate operations. We also incorporated international best. We have made important strides, but we know that this future management efforts.

We are aware that our main contribution consists of strengthening local social development and economic growth by supporting foreign trade in the nations where we operate, most of which rely on an export-driven development strategy. Our three business divisions play a key role in facilitating that process quickly, safely and efficiently.

Our businesses also have an impact on peoples' lives since practically every product consumed from other countries or sold abroad requires our services.

This contribution can be seen more clearly at a local

To address this complexity, we have made efforts to level because of the direct jobs-more than 11 thousand systematize processes that are critical to SAAM's in the Americas—our companies generate. We also help sustainability. In 2015, we set the areas of labor create even more indirect jobs since our port, towage relations and occupational health and safety as our and logistics services tend to activate a long chain of

practices in corporate governance, environmental care is a long-term project that requires ongoing review. We and community engagement as focuses for current and are convinced that it is the right direction for the future of SAAM, its employees, shareholders and the communities to which we belong.

## SAAM, DOOR TO THÉ AMERICAS

SAAM is a multinational company founded in Chile in 1961 that offers a broad, efficient support network for foreign trade. Over its 55 years in business, it has become a relevant player in the Americas and one of the leading companies in cargo movement, connecting local companies with the world. It fulfills this mission by providing port, towage and comprehensive logistics services in 15 countries in North, Central and South America, with operations at more than 80 ports and over 11 thousand specialized employees distributed throughout the region.

## OUR BUSINESS

### PORT TERMINALS



- SAAM is one of the main port operators in South America.
- The company operates 11 port terminals in seven countries in the Americas, including Chile's largest port, San Antonio Terminal Internacional (STI).

### TOWAGE SERVICES

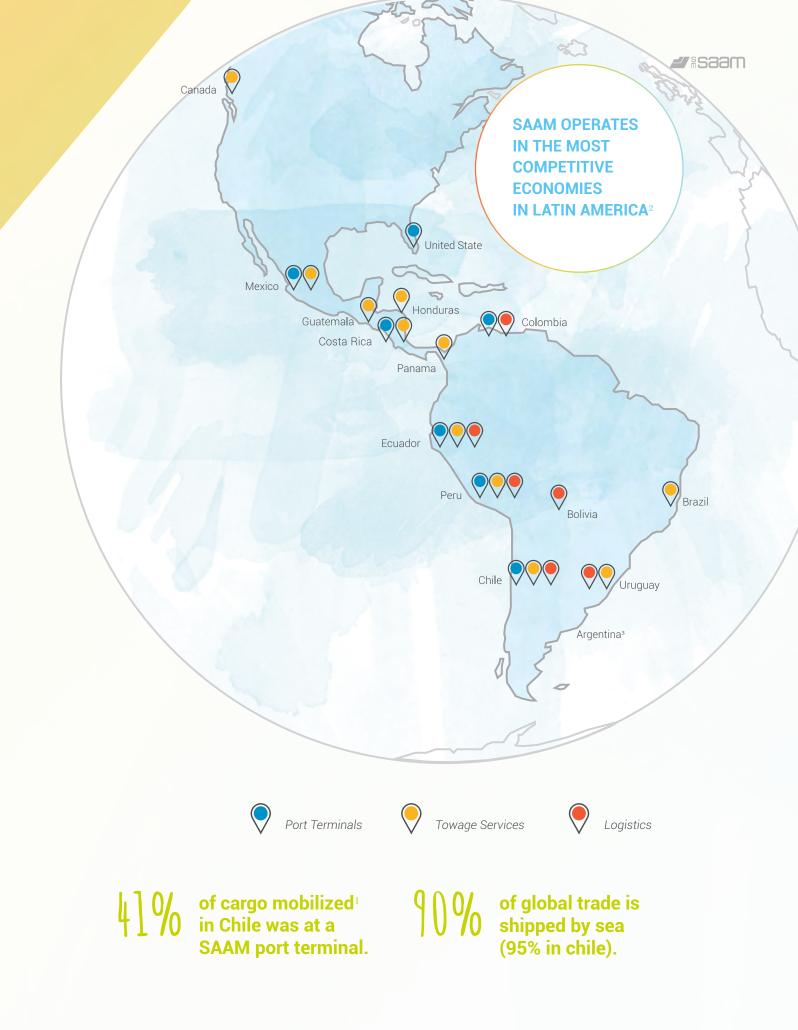


- SAAM is a leader in towage services in the Americas and the fourth largest player worldwide.
- It has a fleet of 177 tugboats deployed at 84 ports in 11 countries in the region.

### LOGISTICS



 SAAM provides supply chain services for the main industries in the countries where it operates: food and beverage, mining and energy, consumer services and industrial goods.



In relation to total tons mobilized through concessioned



ports.
<sup>2</sup> Source: World Economic Forum

<sup>&</sup>lt;sup>3</sup> SAAM has a 25% stake in the operation of southern services barges and ferries, through its related company Transbordadora Austral Broom SA



### THE COMPANY

In 2016, SAAM celebrated 55 years in business serving the international trade sector. The company's history and future are strong. Founded in Chile, it has already reached the entire continent, from Prince Rupert (Canada) to Punta Arenas (Chile), and has become one of the leading companies in the 15 countries where it operates.

SAAM is the main asset of Sociedad Matriz SAAM S.A, a publicly listed corporation founded in 2011. Its stock is listed on Chile's Santiago Exchange and is part of the IPSA index, a stock index that brings together the 40 leading companies in the country.

In the different markets where it operates, SAAM partners with strategic local and global operators. These include SSA Marine, one of the largest terminal operators in the United States; SMIT, the second largest global player in towage services and a subsidiary of the Dutch group Boskalis; and American Airlines.

As of December 2016, Quiñenco (Luksic Group) held a 52.2% interest in the company.

### MISSION

SAAM's corporate purpose is to facilitate the exchange of goods that are essential for peoples' wellbeing and to drive the economic and social development of countries through exceptional and efficient port, towage and logistics services that bring competitiveness to foreign trade, profitability to shareholders, opportunities to neighboring communities and respect for the environment.

### NOISIV

To be the leading company in port operations and towage services, recognized as an important logistics operator that stands out for its industry knowledge, geographic coverage, capacity for internationalization, service quality and commitment to its customers.

### VALUES















## DJSI CHILE

In 2016, SAAM was selected to be on the Dow Jones Sustainability Index Chile, making it the only Chilean company in the transport and infrastructure sector to be included on the index.

This accomplishment is the result of the company's commitment to sustainability. That commitment has translated into a serious work plan that has enabled the organization to build more direct relationships with its stakeholders, including customers, suppliers, authorities, the community and others, providing timely information to the market and working to generate value in its areas of influence.



# FIGURES 2016

### **ECONOMIC IMPACT**

MILLION TONS TRANSFERRED AT SAAM PORT TERMINALS.

## SERVICE QUALITY CERTIFICATION ISO 9,001 for the Port Terminal and Towage Services divisions<sup>4</sup>.

us\$70 MILLION IN TAXES PAID TO GOVERNMENTS.

#### **GOVERNANCE**

SUSTAINABILITY POLICY IS APPROVED AND SUSTAINABILITY COMMITTEE IS

### CRIME PREVENTION MODEL IS

#### THE ENVIRONMENT

FIVE

PORTS IN CHILE PARTICIPATE IN CLEAN PRODUCTION AGREEMENTS.

OF THE TUG FLEET ARE MORE EFFICIENT VESSELS WITH BETTER ENVIRONMENTAL PERFORMANCES.

#### **FINANCIAL PERFORMANCE**





CENTRAL AMERICA 18% NORTH AMERICA EBITDA By geographic area

EBITDA by business line

44%

(EXCLUDING CHILE)

### THE COMMUNITY

OF QUESTIONS AND SUGGESTIONS RESPONDED TO WITHIN 48 HOURS<sup>7</sup>

> MILLION IN PURCHASES FROM LOCAL SUPPLIERS8

#### **LABOR PERFORMANCE**





I IN ACCIDENT FREQUENCY INDEX AS A RESULT OF PREVENTION



### VALUE CHAIN



### TOWAGE SERVICE

SAAM has 177 tugs to offer docking and undocking services, assistance, salvage and towage services, in addition to specialized services for vessels at offshore terminals and positioning and anchoring at oil and gas platforms. ASD tugs (10) account for 73% of the company's fleet. These vessels provide superior maneuvering, safety and speed in operations.

#### **Supply Chain**

Important elements in the division's supply chain include tug manufacturers, fuel and lubricant suppliers and maintenance service providers. No one supplier represents more than 10% of all purchases made in 2016 for the supply of goods and services.



### PORT TERMINALST

SAAM has a network of 11 terminals in seven countries.

The port services provided to shipping lines are essentially different types of cargo transfer services: type of su containers; loose and bulk cargo; refrigerated containers to especially adapted, electrically-powered systems. The terminals also provide services to importers, exporters, freight forwarders and logistics operators, including cargo storage and consolidation services, among others.

#### **Supply Chain**

Engineering and construction companies are the most important type of supplier for this division. No one supplier represents more than 10% of all purchases made during the period for the supply of goods and services.

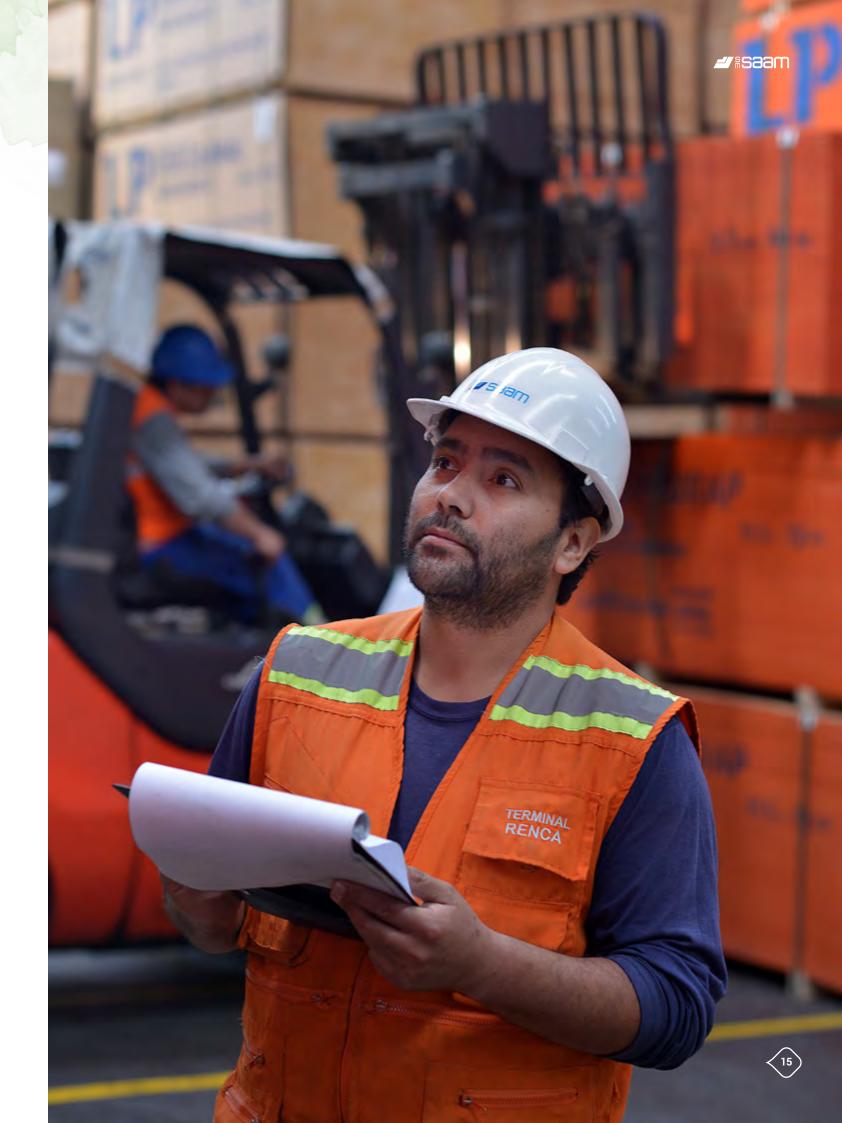


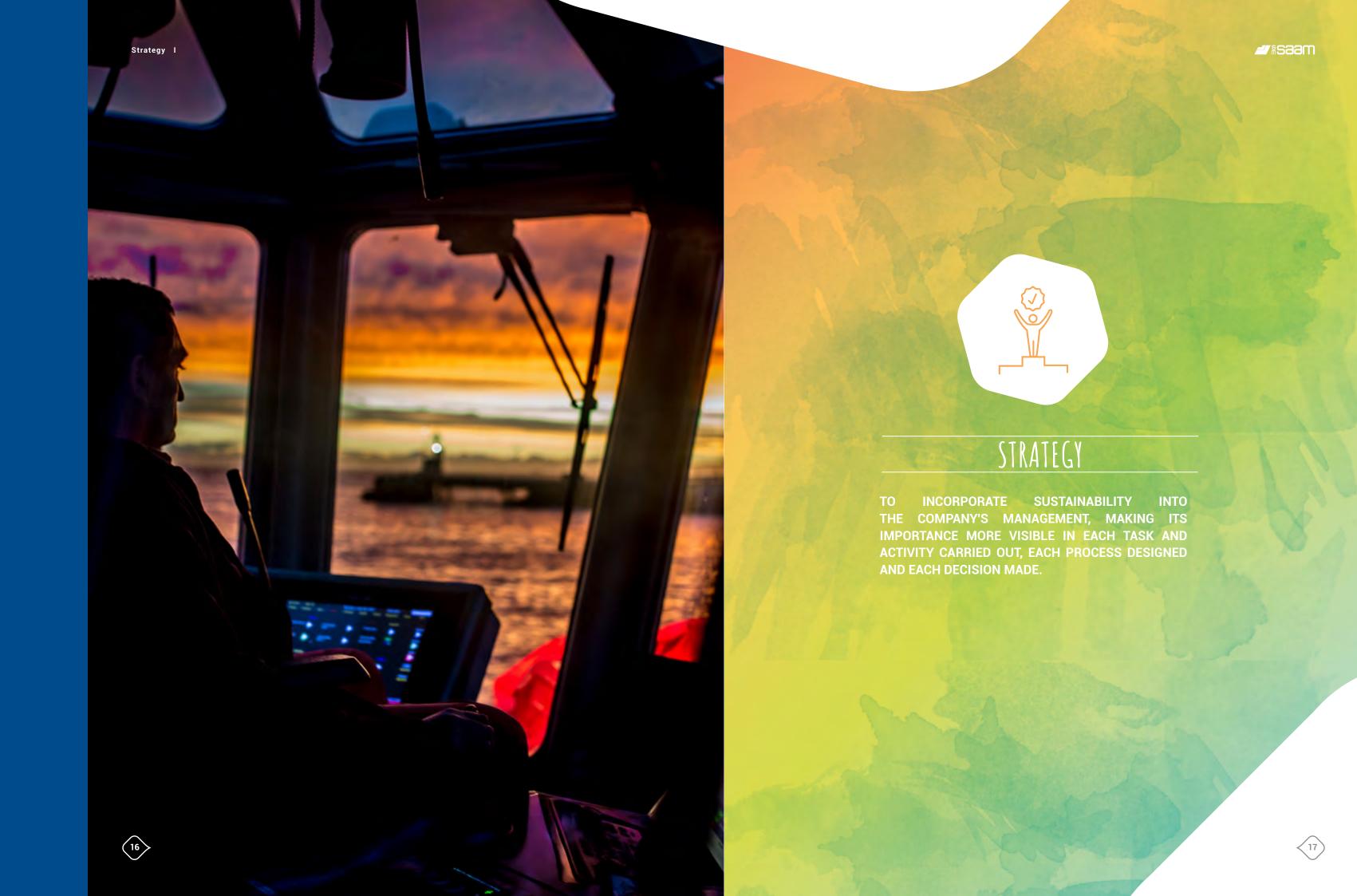
### LOGISTICS

SAAM Logística provides supply chain solutions for industrial and commercial companies in the retail, food and beverage, mining, energy and manufacturing sectors. It focuses on creating value by providing long-term, customized supply chain services that are continuously evolving in line with market changes and enhancements identified during continual improvement processes. The division's solutions aim to optimize the different storage and transport logistics processes in order to guarantee the integrity of the cargo, maintain continuous, inventory-linked control and allow cargo tracking and traceability.

#### **Supply Chain**

This division's main suppliers are general service and transportation companies. No one supplier represents more than 10% of all purchases made in 2016 for the supply of goods and services.







### CONTEXT

International trade, which is the core of the company's business, has been impacted by global and regional economic slowdown. The company's main customers—shipping companies—have experienced historical drops in rates and, consequently, in earnings. This phenomenon has put pressure on companies that provide services for shipping operations and has furthered the merger and consolidation process within the industry that, according to experts, has still not reached its end.

### DEVELOPMENT STRATEGY

SAAM has successfully navigated the restrictive cycle by finding spaces and opportunities for generating value selectively, thanks to its strategy based on four core elements: Operational Excellence, Strengthening of Current Businesses, Growth and Diversification and Integration of Sustainability into Management.

60%

OF EBITDA IN 2016 WAS GENERATED OUTSIDE OF CHILE

### KEY CONCEPTS OF SAAM'S STRATEGY



### OPERATIONAL EXCELLENCE

All of the company's actions and activities adhere to the highest standards in order to provide the best service to its customers and consolidate its leadership position in each market and industry where it does business.

In order to reach its goals in this area, SAAM has implemented the Operational Excellence Project in three key areas: Infrastructure, Maintenance and Operations. The objective of this project is to identify best practices and experiences in each country and business segment that can be standardized and transferred to the rest of the organization. It has also incorporated areas or individuals in charge of improvements into the corporate structure of each business division. These parties are responsible for continuously improving practices and monitoring implementation across the organization.

Additional efforts to raise the bar on service excellence include approximately US\$ 500 million in investments over the past four years to renew and expand existing infrastructure and purchase new equipment. Most of SAAM's terminals have expanded their docks and acquired cranes with larger capacity and reach in order to service new vessels. The Towage Division carried out an ambitious plan to renew its fleet, making it one of the most modern, most powerful fleets in the world.

SAAM has also enhanced its value proposition by forming strategic alliances with respected partners, in direct benefit of its customers. Some examples include partnerships with global leaders such as Royal Boskalis in towage services, SSA Marine in port terminals and American Airlines in airport logistics services.

#### GROWTH AND DIVERSIFICATION

Thanks to portfolio diversification, an appropriate commercial strategy and the commitment of all its employees, in 2016 SAAM was able to compensate for lows in markets such as Brazil, Mexico and Chile; and strengthen others like Ecuador and Costa Rica.

SAAM's leadership position is an achievement it wants to protect and strengthen. As a result, it has continued to diversify its portfolio geographically and by business line and to look toward international markets. In fact, 60% of the company's EBITDA in 2016 was generated outside of Chile. Similarly, in order to strengthen its capacity to maximize value

## US\$ 115

### IN INVESTMENTS

generation in different countries and business niches, SAAM has selectively promoted investment programs to leverage market opportunities and defend positions attained within the Americas. Proof of this is the US\$115 million invested in 2016.

#### SUSTAINABLE MANAGEMENT

The company surveyed more than 70 stakeholders. Based on these results, it identified and prioritized the organization's material issues and designed systems to measure and verify that the company's main risks are properly managed. This process has outlined the strengths and weaknesses of SAAM's sustainability management, as well as the risks emerging from its social and environmental plans. The company is adopting measures to close the identified breaches and take advantage of existing opportunities.

Similarly, it has redoubled efforts to strengthen corporate governance aspects related to ethics and compliance and has kept safety as a core concept and inalienable value that is more important than anything else.

This approach to the company's issues guarantees that no relevant risk goes unmanaged and helps to better satisfy the expectations of SAAM's diverse stakeholders..



#### COMPLEMENTARY THE PATH TO SUSTAINABILITY **POLICIES** Strategy and priority Implementation Diagnostic Key sustainability guidelines for social factors investment Sustainability **Policy** Inclusiveness and **Diversity Policy**

## SUSTAINABILITY PRIORITIES AND VISION

company prepared an immediate action plan and a survey management beginning in 2017.

### SUSTAINABILITY DIAGNOSTIC AND KEY FACTORS

**Environmental Policy** 

In 2016, it began preparing a Sustainability Policy with In 2015 SAAM identified the key factors for sustainability seven principles that represent public management and, based on these, prepared a policy that lays the commitments on matters of ethics and corporate foundation for deciding and managing strategies and governance; social and environmental management action plans for its operations and respective businesses. and people development, among other aspects. Based These factors were identified and prioritized by on the priorities identified and the principles set, the consulting with the company's main internal and external stakeholders, which chose the most relevant topics for and reflection process to systematize sustainability the business and the emerging issues for the logistics and port sectors

### **Results of Evaluation by Senior Management**



(Probability \* Impact)

#### COMPLEMENTARY POLICIES

In 2016, the company prepared a Social Investment Strategy, designed to leave a common mark that helps build the reputation of and appreciation for SAAM and its companies among its stakeholders and surrounding communities. This strategy defines two priority areas for social investment projects: contributing to the economic and social development of local communities; and contributing to the harmonic urban integration of its facilities and the city. (See page 60)

In addition, the Inclusiveness and Diversity Policy was approved in December 2016. This policy is designed to promote diversity in the company's work teams and encourage inclusiveness, respect and value for individual differences, in order to leverage the talent and strengths of each employee (See page 78).

#### IMPLEMENTATION

Once the Sustainability Policy had been approved by the Board, the company began the process of distributing the policy, carrying out the second sustainability diagnostic and preparing respective Action Plans.

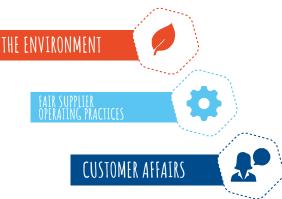
Distribution: The distribution and alignment plan called for meetings with management teams at subsidiaries and associates in Chile and talks to increase awareness among internal stakeholders.

Second diagnostic and plans for 2017: Based on criteria defined by three of the leading global organizations on the matter (ISO 26,000, Dow Jones Sustainability Index (DJSI) and Global Reporting Initiative (GRI)), the company conducted a new diagnostic to understand sustainability management at the company and its subsidiaries and accurately identify weaknesses and gaps in comparison with international best practices and procedures endorsed by these entities.

More than 130 variables were measured across all business lines and support divisions in order to benchmark the company's compliance against sustainability management systems promoted by leading international sustainability organizations. The diagnostic considered all dimensions of sustainability (corporate governance, human rights, labor practices, the environment, fair supplier operating practices, customer affairs and active community involvement and development). Based on its outcomes, the company developed the corresponding work plans for the corporate divisions for 2017.

### ASPECTS CONSIDERED IN THE SECOND SUSTAINABILITY DIAGNOSTIC









#### SUSTAINABILITY POLICY

The company drafted a Sustainability Policy in response to critical matters raised in the prior process. In order to facilitate implementation by employees, the company opted for a straightforward, tangible and action-focused concept. Therefore, the policy was expressed in seven brief, easy-to-remember principles designed to frame the conduct of everyone that works at SAAM and its subsidiaries, as well as the employees that adhere to its principles and vision.

### 1. Creating value for the company and society are our sources of inspiration.

We work to ensure the profitable and responsible development of SAAM and its companies, by contributing to the competitiveness of the countries where we operate, working alongside our customers, shareholders, employees, contractors, suppliers and the communities where we do business to generate shared value.

### 2. Building mutually beneficial relationships with our employees is a priority.

We believe in diversity, equal opportunities at work and non-discrimination in all facets of life. Therefore, we encourage a commitment to inclusiveness in the workplace, with an underlying respect and value for individual differences in order to leverage the talent and strengths of each employee. We are convinced that active, collaborative and close participation is the basis for establishing win-win relationships that promote the process of creating shared value.

#### 3. Safety is a value that we will not compromise.

We begin by promoting a culture of safe conduct and a risk-free environment. We identify, evaluate and take the necessary measures to control potential hazards to our health and safety at work.

#### 4. Our values and corporate ethics guide our actions.

Managing our company based on ethics and our values of Honesty, Respect, Responsibility, Safety and Service-Focused is key to generating trust-based relationships with our stakeholders. These principles are factored into each decision we make as well as our daily activities, with no exception.

### 5. Our responsibility is to seek excellence in order to exceed stakeholder expectations.

We take maximum advantage of our capacities and knowledge to meet and exceed our stakeholders' expectations. We operate in a sector that is strategic to the development and global integration of the countries where we operate, which is why we are committed to providing sustainable solutions inspired by best practices.

### 6. Caring for the environment and preventing negative impacts are integral components of our business.

We are committed to preventing, managing and minimizing the negative impacts that our operations can have on a cultural, environmental and social level, as well as any alteration that may affect our employees, neighbors, ecosystems and the environment in general. We integrate economic, social and environmental variables into decision making and into the development of our operations and new businesses.

### 7. Contributing to a more prosperous, stronger society is an ongoing challenge.

We are devoted to building greater prosperity and the identity of the towns and societies where we operate, contributing to their economic and social development. We work hard to empathize with different points of view and ways of life, fostering unprejudiced collaboration in the areas where we operate.





Gobernance and Ethics I

533M

LUIS GUERRERO

## GOVERNANCE AND ETHICS

SAAM HAS IMPLEMENTED EXECUTIVE-LEVEL OPPORTUNITIES FOR DISCUSSING IMPORTANT SUSTAINABILITY MATTERS AND MONITORING THEIR PROGRESS.



BOARD OF DIRECTORS

SAAM S.A. is the main asset of Sociedad Matriz SAAM S.A. (SM SAAM), which is a publicly traded corporation. Its main governance body is a Board of Directors with seven members elected by shareholders. Two members are independent, in accordance with the Corporations Law. All directors serve a three-year term.

Board's Role: The Board of Directors determines the strategy, policies and priorities for directing the company and its business areas; defines the company's administrative structure and appoints the CEO; and monitors management's actions, especially regarding value creation and the efficient use of resources.

SM SAAM also has a Directors' Committee with three members, two of whom are independent directors. The committee's powers and duties include analyzing the COMPETITION, INCLUSIVENESS financial statements and reports from independent auditors, AND DIVERSITY ARE SOME OF THE reviewing information on related party transactions and preparing an annual report on its activities containing its main recommendations for shareholders and the Board, INCLUDE IN ITS TRAINING. among other matters.

**RISK MANAGEMENT, FREE** TOPICS THAT THE BOARD DECIDED TO

The task of managing risks, including economic, social and environmental risks, is assigned to the company's different functional areas. The Office of the Controller is in charge of implementing control systems to verify that risks are managed in accordance with Board guidelines. The Controller reports directly to the Directors' Committee.

New Director Orientation: Since 2016 SM SAAM has an orientation procedure for new directors to educate them on topics relevant to the company's businesses, especially the subsidiary SAAM S.A., including risks and other operational, financial and legal information.

Sustainability Training: The company organizes annual training programs on matters of interest to the company and its Board, such as corporate governance, amendments to essential corporate and securities market regulations, the Board's functions and duties and related recent court judgments, conflicts of interest and related party transactions, free competition, crime prevention, accounting criteria and human resource management, among others.

In 2016, the company also incorporated the most important local and international advancements in inclusiveness, diversity and sustainability reporting from the year before, and the main risk management tools, including sustainability risks, that have been implemented over the past year. In addition, the Board approved a formal mechanism for implementing improvements in its organization and operations.



SAAM has implemented executive-level opportunities for discussing sustainability-related matters and monitoring their progress. It created the Sustainability Committee to spearhead the process of integrating sustainability into the company's daily management. The members of this committee include all corporate managers and there are no alternates. Each manager is directly responsible for all initiatives that his or her area or team must carry out. (See insert).

The process is led by the CEO and coordinated by the Corporate Affairs Division. However, responsibility for executing each initiative, plan and project is assigned based on functional, organization-wide criteria. Based on these criteria, during the year each area took on new tasks in matters as diverse as corporate governance, human rights, people (HR), the environment, suppliers, customers and the community. These plans cover the material topics detected in identifying Critical Sustainability Factors, drafting the Sustainability Principles and conducting the gap diagnostic. (See page 20)

In addition, the Health, Safety and Environment Division was created in 2016 in order to generate synergies between environmental and safety management and provide support for subsidiaries that want to improve their performance in these areas. This new division reports to the Corporate Human Resources Division.

#### SUSTAINABILITY COMMITTEE

The committee's most important duties include: leading the necessary transformation process to make SAAM a sustainable company; integrating sustainability matters into the company's businesses; prioritizing guidelines and integrating them into the Balanced Scorecard; incorporating sustainability goals and KPIs into the Performance Management System; monitoring the sustainability strategy, work plans and critical factors as well as all other matters related to internalizing sustainability.

### MILESTONES 2016

	GOAL	COMPLIANCE	COMMENTS	
CORPORATE GOVERNANCE	Approve the Sustainability Policy.	<b>/</b>	The policy underwent a consultation process with corporate managers and was then approved by the Board on August 5, 2016.	
	Create the Sustainability Committee.	<b>✓</b>	The purpose of this committee, which is made up of all corporate managers at SAAM, is to lead the transformation process to make the company a sustainable enterprise.	
	Increase organization-wide awareness of the importance of incorporating sustainability.	<b>~</b>	An internal communications plan was implemented and meetings were held with management teams at subsidiaries and associates to educate them on the policy's conceptual framework and social investment guidelines. Support was provided by the consulting firm Vincular.	
	Communicate the Strategic Priorities in order to align the organization behind one common objective.	<b>~</b>	The company implemented work plans for each corporate division and a related internal communications plan, and began to define strategic priorities for 2017.	
	Communicate SAAM's values as the heart of the company and demonstrate where they are present.	<b>~</b>	In 2016 the company's values were included in the human resources communications process and incorporated into personnel evaluations as part of the company's performance management system.	
THE ENVIROMENT	Incorporate the environmental function on a corporate level.	<b>~</b>	The Health, Safety and Environment Division was created in October 2016. This new division reports to the Corporate Human Resources Division and has a work plan to carry out in 2017.	
SOCIAL ASPECTS	Create a procedure for donations and gratuitous loans of physical space.	<b>~</b>	These procedures enable both SAAM and its subsidiaries to be present in the community to help with emergencies and other requests for assistance and social events.	
	Create a procedure for questions and suggestions from customers and the community in general.	<b>/</b>	Since the creation of the Question and Suggestion Form, 100% of forms submitted have been resolved and responded to within 48 hours.	
	Create a Community Engagement Handbook for Group companies in Chile.	<u> </u>	The handbook was prepared and sent to the respective corporate and business line division managers.	
	Implement social investment project "Globetrotting Container."	<b>~</b>	The project was organized together with the foundation Corporación de Patrimonio Marítimo and financed through cultural donations. Between October and December 2016, the container toured the cities of Iquique, San Antonio, Valparaíso and Talcahuano, and attracted over 7,000 visitors.	
	Sign agreements with public and private institutions: Desafío Levantemos Chile, Fundación Techo, Corporación Patrimonio Marítimo de Chile and Museo Marítimo de Chile.	<b>~</b>	These agreements were signed in line with strategic community engagement plans.	
	Provide social assistance.	<b>~</b>	With the implementation of the procedure for donations and gratuitous property loans, the company provided support for foundations and educational, religious and social institutions, donating 67% more than in 2015.	



### RESGUARDO DE LA ÉTICA

a framework for employees' day-to-day actions and conduct.

The code contains the commitments and ethical responsibilities that SAAM employees must undertake in • Updating the Code of Ethics based on suggestions and performing their duties in order to manage the company's business and corporate activities. It considers aspects such Promoting values and ethical conduct. as supplier and customer relations, competition, conflicts • Fielding questions. of interest, integrity, presents and gifts, personal integrity, • Channeling Code of Ethics violations. administrative responsibilities, accuracy and confidentiality of information, to name a few. The document also states that 
The members of this committee include the managers of the well as know and fully adhere to the guidelines specified in the Controller. Code of Ethics.

must sign a declaration of receipt and compliance. The code is relevant involvement in management. also available on SAAM's website and Intranet.

In order to reinforce the contents of the Code of Ethics, an online ethics course must be approved by each new hire when they join the organization as part of the orientation process.

Code of Ethics: The company has a Code of Ethics that creates 
Ethics Committee: The Ethics Committee is the body within SAAM responsible for ensuring correct application of the Code of Ethics. Its main functions include:

- situations observed within the company.

all employees are to respect the company's values and take Human Resources and Legal departments and two additional responsibility for their decisions and actions at all times, as managers that are rotated annually. It is chaired by the

Currently, SAAM is in the process of reviewing and updating The code is applicable to directors, executives and employees the Code of Ethics. A new version that includes a set of of SAAM and its subsidiaries in Chile<sup>11</sup> and the port terminals corporate integrity best practices. The new document applies in which it invests. Each individual (a total of 3,057 people) to all territories where the company has companies and/ receives a copy of the code upon joining the organization and or operations under its control, significant influence and/or



<sup>&</sup>lt;sup>11</sup> Chilean companies in which SAAM has control with an interest greater than 50%.



### AREAS COVERED BY THE CODE OF ETHICS



that sets forth work-related obligations and prohibitions for that regulate their actions in certain areas also governed by controls given SAAM's exposure to the crimes regulated by the Code of Ethics.

In addition, because SAAM is a publicly traded corporation, it has a Market Information Manual, which is designed to environment. regulate the disclosure of information of interest and safeguard reserved, confidential and insider information. This manual As of December 31, 2016, the scope of the Crime Prevention also sets forth the rules for securities market transactions by Model included all SAAM operations in Chile and its 16 directors, executives and related parties in accordance with domestic subsidiaries. the current rules of the Chilean Superintendency of Securities and Insurance (SVS).

Prevention Model, in accordance with Law No. 20,393 on the Criminal Liability of Legal Entities, which seeks to prevent the crimes of bribery of public national or foreign officials, receipt of stolen property, asset laundering and terrorism financing by any person that acts in representation of SAAM.

SAAM's Crime Prevention Model identifies potentially risky processes and activities and evaluates risks and mitigation activities for risk exposure. These are managed using a risk matrix and controls following internal protocols based on responsibilities, duties, obligations and sanctions. This system is reinforced by prevention, detection, response and monitoring activities.

The company has an Order, Health and Safety Handbook The model calls for a Corporate Prevention Officer. The Board has appointed the Controller to take on this role. The employees and establishes a series of policies and procedures responsibilities of this role include establishing appropriate Law 20,393, continuously evaluating and monitoring how the model is operating and updating its contents based on changes in current regulations and the company's business

A copy of the Prevention Handbook was distributed to all employees in 2016. In addition, 547 employees received Crime Prevention Model: SAAM has implemented a Crime training on the Model and the Grievance System.

> **SAAM CERTIFIED ITS CRIME PREVENTION MODEL IN 2016**

Certification of Crime Prevention Model: During 2016, SAAM finalized implementation and certification of its Crime Prevention Model. The model was certified externally by BH Compliance, an entity registered with the SVS. Certification is valid for two years, which is the maximum period permitted by law.

The Code of Ethics, Grievance System and grievance investigation and management procedure were also examined as part of the certification process.

eventually implement a Comprehensive Compliance Model, the company is incorporating other compliance-related matters and broadening its current model to include international standards and rules on corruption (FCPA, UK Bribery), free competition and compliance best practices.

Comprehensive Compliance Model: The company began designing a system to centralize and complement the various compliance mechanisms and initiatives it has as part of the Orientation Process when they join the company. developed with the ultimate goal of implementing a Comprehensive Compliance Model. During 2017, the company moved forward on evaluating and designing an organization-wide compliance structure, outlining the scope and road map for such initiatives and defining compliance projects to be implemented during the year.

house counsel and the Controller and their respective the Board and Executive Committee.

Grievance System: SAAM has an anonymous, confidential report irregular conduct and/or violations of the Code of Ethics stakeholders. or policies and/or specific guidelines in the Crime Prevention Model.

Currently, grievances can be filed as follows:

- Web platform (available through the Intranet and on SAAM's website and by e-mail to (denunciassaam@saam.cl);
- Prevention Officer (CPO).

communications between the platform and the informant, correct application. safeguarding his or her confidentiality and anonymity. In order to guarantee the confidentiality, anonymity and safety of the

### **SAAM IS DESIGNING A COMPREHENSIVE COMPLIANCE** MODEL THAT BRINGS TOGETHER THE DIFFERENT PERSPECTIVES AND INITIATIVES IN THIS AREA.

informant, SAAM works to ensure the correct use of this system and anti-retaliation procedures.

In order to continually improve and update the model, and All grievances filed are redirected to the Office of the Controller for initial analysis and are managed using the protocols established in the Grievance Procedure, which internally regulates how each grievance must be handled, from filing to investigation, escalation and derivation, until penalties are set or reports are filed with regulators, if necessary.

> The Grievance System is publicized through the company's Intranet and website. New hires are also informed of the system

Inclusiveness, Diversity and Stakeholder Engagement: The Code of Ethics promotes and values individual dignity and rejects and prohibits any discrimination based on race or ethnicity, nationality, socioeconomic condition, language, ideology or political opinion, religion or creed, union involvement or lack of affiliation, gender, sexual orientation, gender identity, This model will be developed collectively by the CEO, in- marital status, age, filiation, personal appearance and illness or disability. The company also approved an Inclusiveness teams, which will distribute the guidelines of the model to and Diversity Policy to reinforce this position. As part of the Board-approved Sustainability Policy, the company prepared a Community Engagement Handbook. This tool serves as a guide for developing, planning and promoting the participation and grievance system that employees and third parties can use to appropriate involvement of the company and its associates with

Human Rights and Native Peoples: Since SAAM operates in several countries in the Americas, which are culturally diverse and have varying degrees of development and heterogeneous practices, human rights and respect for native peoples are relevant issues for the company. However, these are not addressed explicitly in the Code of Ethics. As part of the process • In person or by letter addressed to the Ethics Committee, of reviewing and updating the Code of Ethics, initiated in late the individual's direct supervisor, the Controller or the Crime 2016, the company is evaluating whether to incorporate these two topics

The web platform is managed by an external, international As part of the second sustainability diagnostic (see page 21), the supplier specializing in global solutions that meet international relevant topics in human rights were identified. This gave rise standards. It assures that the services are provided on a to the need to formalize a policy on the matter and establish secure site that guarantees independent, efficient and speedy the respective procedures and control mechanisms to ensure



### COMPLIANCE

Internal Auditing: The Controller, through the internal auditing team, works to ensure that SAAM's operations are managed in accordance with the guidance from the Institute of Internal Auditors (IIA), international auditing standards<sup>12</sup> and the COSO (Committee of Sponsoring Organizations) Model. This team works independently in carrying out its duties of inspection and verification. It periodically reviews internal controls and analyzes risks to relevant business, operational and support processes, as defined in the Annual Internal Auditing Plan (AIAP) approved by SAAM's Board, which uses a risk-based audit approach.

The plan includes SAAM's domestic and foreign subsidiaries and companies where it exercises significant influence over management without having control.

Each auditing process identifies findings that are classified based on how critical they are and addressed using action plans defined by the company's management. The Office of the Controller continuously monitors the implementation status of these plans and compliance with commitments made

External Auditing: In compliance with the requirements of Law 18,046 on Corporations, SAAM has audited its balance sheets, income statements and cash flow statements for the past 10 years, taking special care to ensure that the balance sheet reasonably reflects the company's true financial situation, based on accounting principles used in Chile (IFRS).

SAAM holds bidding processes every year for auditing services that take into account a series of requirements, including whether the audit company has operations throughout the Americas. Auditors participating on the audit team must also have experience in the company's industry and be level senior and above. It also takes into account the auditing hours and support provided by specialized technical areas. KPMG Auditores y Consultores Ltda. is in charge of performing our annual audits, testing internal control to verify financial, accounting and systems processes in order to ensure that they are performed correctly, thus enabling improvements to be detected.

### RISK MANAGEMENT

this process.

through the Directors' Committee, which is briefed ensure continuous improvement. frequently on the status of the project.

31,000, COSO ERM), covering risks business, compliance Authorized Economic Operator (AEO)<sup>19</sup> (secure trade). and operational risks, as well as identifying the different dimensions of sustainability risks (ethics, social and environmental), derived from internal and external

This is in parallel to defining a proper support structure for managing these risks, as well as establishing responsibilities in the different management stages, also including monitoring and reporting.

### CERTIFICATIONS

Risk management is a high priority at SAAM, and, SAAM is certified under the following international therefore, the company took steps in 2016 to formalize standards: ISO 14001:200413 (environment), ISO 9001:2008<sup>14</sup> (quality), OHSAS 18001:2007<sup>15</sup> (occupational health and safety) and ISO 2800116 The Risk Management Unit, which reports to the Office (security management systems for the supply chain). of the Controller, is responsible for leading this project, This process has enabled us to guarantee high based on guidelines and norms established by the Board standards and establish mechanisms and tools to

The port business also has specific certifications such The company's risk management challenges for as Management and Security Control for International 2017 include enlarge the scope, under the concept of Trade (BASC)<sup>17</sup>, the International Ship and Port Facility integrated risk management, improved the methodology Security Code (ISPS or PBIP18 Code developed by the based on an international methodological standards (ISO International Maritime Organization (IMO)) and Certified

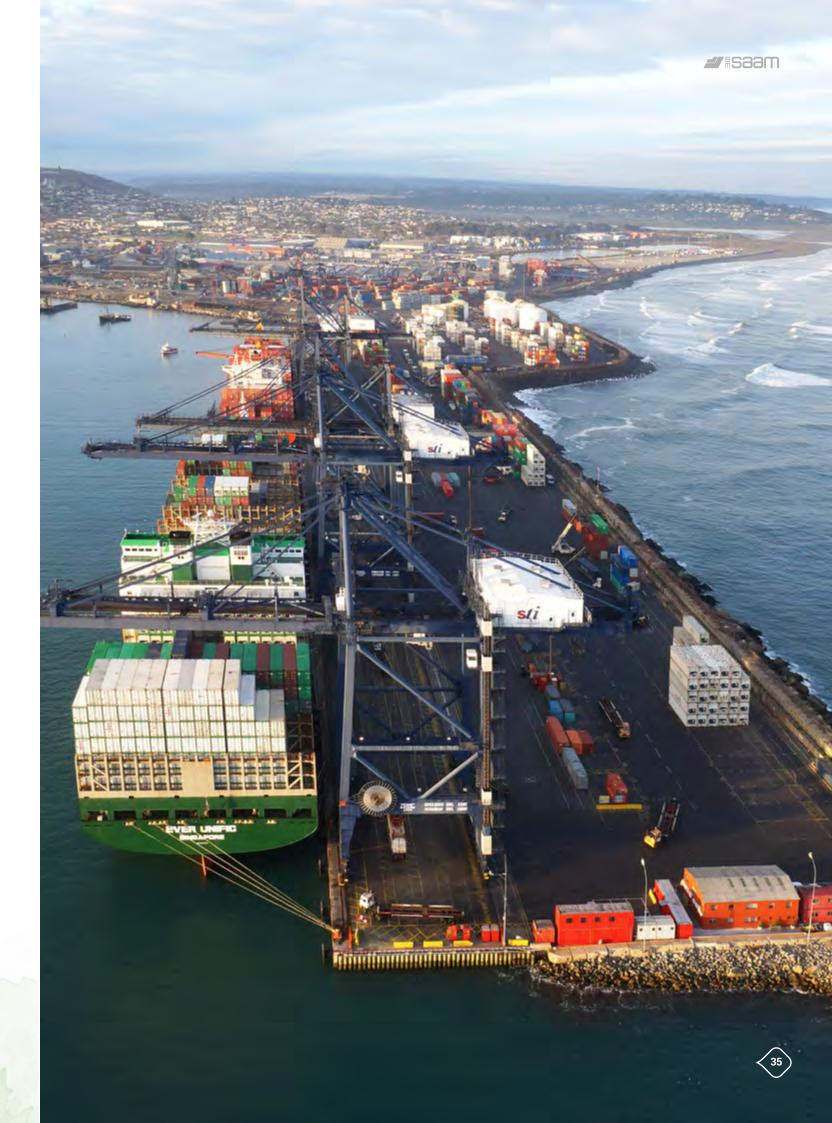
### CERTIFICATIONS

QUALITY 150 9001

ENVIRONMENT

HEALTH AND SAFETY OHSAS 18001

SECURITY MANAGEMENT





 $<sup>^{13}</sup>$  Chile Logistics Operations and the port terminals in Antofagasta, Iquique, San Antonio, San Vicente and Peru are certified under ISO 14001. The following towage services are certified under this standard: Brazil, Canada, Costa Rica, Mexico, Panama and Peru. In the future, we hope to certify the operations of the Logistics Division.

<sup>&</sup>lt;sup>14</sup> The port terminals in Antofagasta, Iquique, San Antonio, San Vicente, Ecuador, Mexico, Peru and the United States are certified under ISO 9001. The following towage services are certified under this standard: Brazil, Canada, Ecuador, Mexico, Panama and Peru. In the future, we hope to certify the operations of the Logistics Division.

<sup>&</sup>lt;sup>15</sup> The port terminals in Iquique and Peru are certified under OHSAS 18001. The contract between Logistica Chile and ENAP for maintenance and connections in Quintero is also certified under this standard. The following towage services are certified under this standard: Brazil, Canada, Mexico, Panama and Peru.

<sup>&</sup>lt;sup>16</sup> The port terminal in Peru is certified under ISO 28001.

<sup>&</sup>lt;sup>17</sup> The port terminals in Ecuador and Peru are certified under the BASC

<sup>&</sup>lt;sup>18</sup> The port terminals in Corral, Iquique, Ecuador and Peru are certified under in ISPS standard.

<sup>&</sup>lt;sup>19</sup> The port terminal in Peru is certified as an AEO.



### STAKEHOLDER ENGAGEMENT

At SAAM, we understand that in order to ensure the future and growth of our businesses over time, we must contribute harmoniously to the economic, social and environmental dimensions of sustainability in the areas where we operate. In order to achieve this objective, we must consider the different perspectives and points of view of all stakeholders since every decision the company makes can have a direct or indirect impact on them.

### ANALYSIS OF MAIN STAKEHOLDERS



### **AUTHORITIES**

Relevant authorities include those that design public SAAM and several of its companies play an active role policies for, regulate and oversee the company's businesses, as well as those that represent the communities around its operations. Therefore, regulator engagement by SAAM, its subsidiaries and associates can include the president and several pertinent ministries in each country (transportation, environment, finance, public works, labor, among others), legislative authorities, regional or local governments, maritime authorities and government entities related to foreign trade (customs, investigative police, agricultural and livestock services, among others).

### TRADE ASSOCIATIONS

in various trade associations that are important to its businesses and its customers. Some include Cámara Marítima y Portuaria de Chile, Cámara Aduanera, shipowner associations, and fruit, manufacturing, transport and exporter trade associations.

### **STRATEGIC PARTNERS**

These are local or international business partners with which the company has alliances in different countries in order to maximize value generation for alliance members, customers and markets where they provide services. Some examples include SSA Holding Internacional, Royal Boskalis and American Airlines.

### 6 EMPLOYEES

Employees include operators, administrative staff, technicians, professionals and supervisors, as well as executives of SAAM and its subsidiaries. Including all of the companies in which SAAM has investments, it directly employs 11,340 people with 20 different nationalities. Of these, 53% are Chilean and the remaining 47% are from other countries in the Americas and Europe. Women account for 12%.

### **SHAREHOLDERS AND INVESTORS**

This includes all investors and shareholders, both majority and minority. SAAM is a publicly traded corporation. Quiñenco holds 52.2% of its property while the remaining belongs to other shareholders and investors, including pension fund companies (AFP), institutional investors and foreign investors.

### **COMMUNITY**

This includes the community near each of SAAM's operations and subsidiaries, as well as associates that can generate significant impacts on their surroundings. The company strives to maintain a relationship of dialogue and involvement that strengthens the necessary Social License to Operate (SLO) for each of its activities.

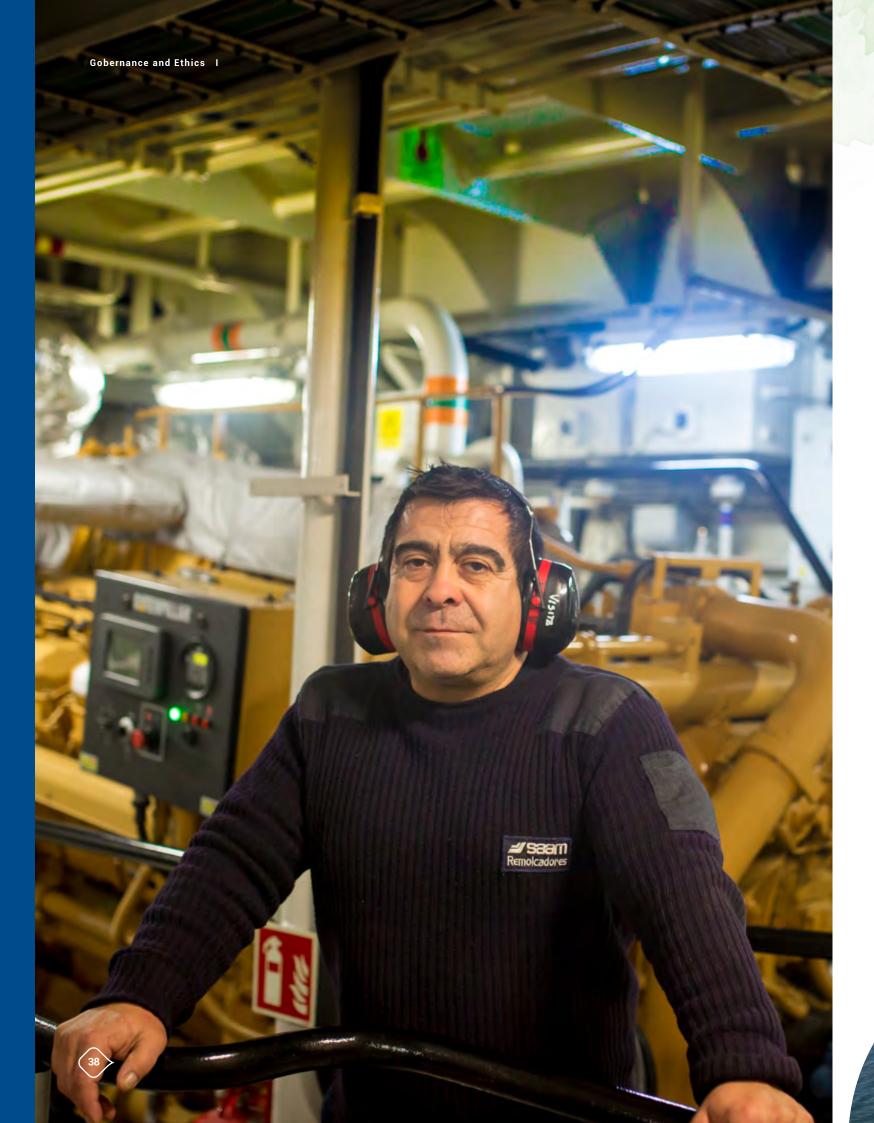
### **CUSTOMERS**

The company's portfolio includes domestic and international customers. Its main customers include shipping companies, mining projects, oil companies, exporters and importers that use the services of one or all three of its business divisions.

### 8 SUPPLIERS

This includes suppliers of raw materials, goods and services. They supply the key inputs for the company's operations, such as oil and port equipment, among others. Services include those used for general purposes and for specific areas like transportation, engineering, port construction and tug maintenance, to name a few.





### STAKEHOLDER COMMUNICATION

SAAM has different mechanisms for stakeholder communication at both a corporate and an individual company level. Organization-wide corporate communication tools include the annual report, website, market information instruments and press releases. It also uses specific channels such as e-mail, newsletters, meetings and surveys, among others. In addition, it has feedback mechanisms to gather opinions from stakeholders such as suggestion boxes, grievance hotlines, web contact forms and perception studies, etc.

It also relies on specific mechanisms for particular stakeholders, such as presentations for investors and customers, and shareholder meetings.

Each individual company addresses employee communications and determines the proper channels based on its particular organizational culture. As a corporate principle, SAAM promotes open, transparent communication with its workers, looking not only to provide information but also to generate two-way communication between executives and employees. Some of the channels used for employee communications include: Intranet, e-mail, bulletin boards, corporate meetings, reports, posters, brochures and videos.

### ORGANIZATIONS IN WHICH SAAM PARTICIPATES

The company and its subsidiaries have been actively involved in the following organizations in Chile: Comunidad Logística, Cámara Marítima y Portuaria de Chile, Cámara Aduanera, Federación de Productores de Fruta de Chile (FEDEFRUTA), Asociación de Exportadores de Chile (ASOEX), Asociación de Exportadores y Manufacturas (ASEXMA), Asociación Gremial de Transportistas, Confederación de la Producción y del Comercio (CPC), Asociación de Industriales, Asociación Nacional de Ciudades Puerto, Sociedad de Fomento Fabril (SOFOFA), Asociación Nacional de Armadores.







## ECONOMIC IMPACT

SAAM IS A RELEVANT PLAYER IN THE AMERICAS AND ONE OF THE LEADING COMPANIES IN CARGO MOVEMENT, CONNECTING SMALL, MID-SIZED AND LARGE COMPANIES WITH THE WORLD.

### STRATEGIC ROLE IN THE DEVELOPMENT OF COUNTRIES WHERE IT OPERATES

#### INTERNATIONAL TRADE

Economic globalization, coupled with the relocation of production centers and the resulting increase in the distance separating manufacturing centers from hubs of consumption, has led to

an increase in long-distance shipping. In this context, logistics play an increasingly strategic role in connecting product demand and supply, particularly in countries where SAAM does business. Most of these countries have adopted an exporter development model. Furthermore, except for Mexico, Latin American economies in particular are known for being net exporters of raw materials and importers of manufactured goods.

In this context, maritime trade is the main mechanism for the exchange of goods. Internationally, it represents around 90% of global trade of goods<sup>20</sup>. According to the International Maritime Organization (IMO), it is the most efficient, most profitable and most secure international transport system for moving goods. One of its main advantages lies in its ability to transport large volumes at low unit transportation costs.

OF GLOBAL TRADE IS SHIPPED BY SEA.

Sea transport is important across all industries since it offers the aforementioned advantages for all types of activities and cargo. Ports play an important role in moving liquid and solid bulk cargo for the mining, forestry, chemical and fuel sectors, as well as container cargo for a variety of industries (fresh fruit, fishing, forestry, technology, retail, etc.), and all types of vehicles, machinery and other cargo for projects.

### IMPORTANCE OF FOREIGN TRADE IN THE AMERICAS

Foreign Trade vs GDP of Each Country<sup>21</sup>



	2016		
Chile	47%		
Brazil	18% 21%		
Argentina	21%		
Mexico	/ 5%		
Peru	37% 27%		
Colombia	2110		
United State	20%		
Canada	64%		
Uruguay	64% 28% 40%		
Guatemala	40%		
Panama	94% 43%		
Costa Rica	43%		
Honduras	60%		
Ecuador	3 3 0/2		
Bolivia	45%		



#### ROLE IN THE LATIN AMERICAN ECONOMY

In 2016, SAAM's port terminals transferred a total of 38.5 million tons of cargo in the six countries where it operates.

SAAM's port terminals connect 57 developed and emerging economies<sup>22</sup>, Chile, for example, is connected to 19 countries, including neighbors such as Peru and Argentina, and other far-off economies like the United States, Spain, Italy and even Japan and China.

OPPORTUNITIES FOR 57

COUNTRIES

Given SAAM's commitment to service, which is focused on the needs of exporting customers no matter what entry or exit port their products pass through, the company offers airport transfer services together with American Airlines in Chile, Ecuador and Colombia. The company has gradually shifted towards "inland" services, including comprehensive logistics services that even involve managing distribution centers or transporting products to points of sale.

SAAM CONNECTS AND GENERATES BUSINESS OPPORTUNITIES FOR 57 COUNTRIES



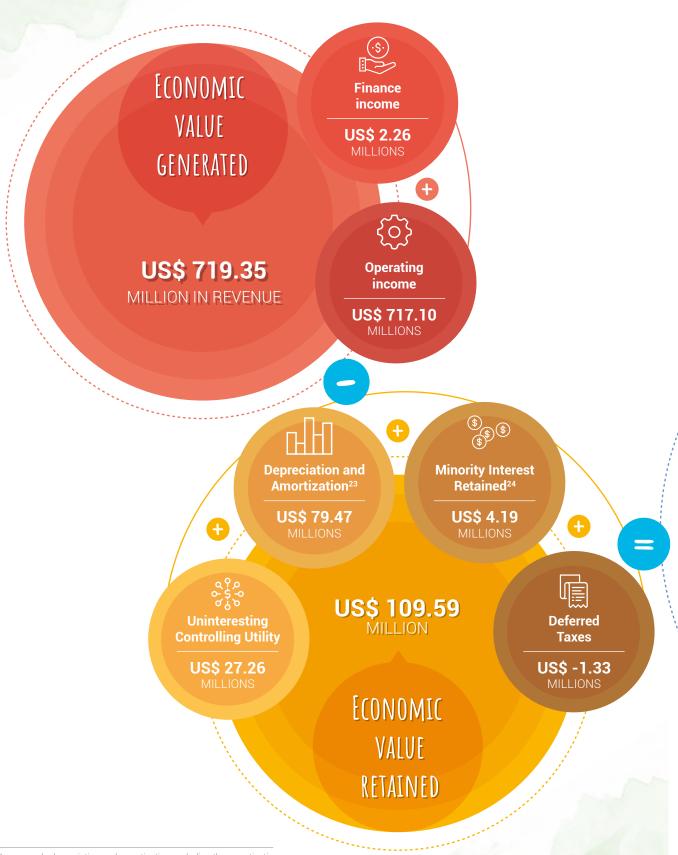


<sup>&</sup>lt;sup>20</sup> Source: International Maritime Organization (IMO).

<sup>&</sup>lt;sup>21</sup> Source: IMF – International Monetary Fund; Capital IQ; WTO – World Trade Organization; World Bank.



### VALOR ECONÓMICO GENERADO Y DISTRIBUIDO EN 2016

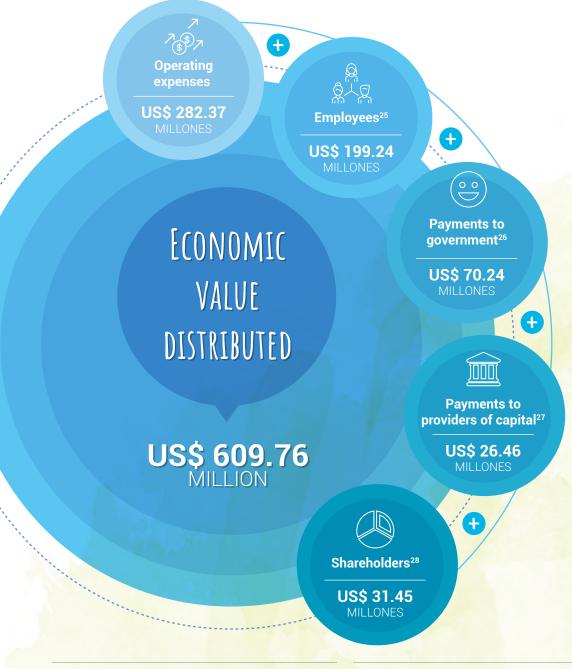


## DISTRIBUTION OF ECONOMIC VALUE GENERATED

Data on the creation and distribution of economic value US\$719 million in 2016. Economic Value Distributed are basic indications of the way in which the company has created wealth for its stakeholders. This category agents: employees, the government through taxes presents the flow of capital among the different and port fees paid by port terminals (see page 46), stakeholders and the main economic impacts that the shareholders through dividends, providers of capital company has on society.

operating income and finance income, which totaled Value Distributed.

considers the flow of payments to various economic through interest, investments and operating expenses and payments to suppliers. Economic Value Retained The Economic Value Generated by SAAM is the sum of is the difference between the Value Generated and the





Corresponds to 50% of the total profit for the year. In 2017, the shareholders of SMSAAM received dividends of US \$ 29,662 agains the 2016 profit. In 2016, US \$ 34,468 was distributed against the



<sup>&</sup>lt;sup>24</sup> Corresponds to the gain (or loss) attributable to non-controlling interests

<sup>&</sup>lt;sup>25</sup> Includes variables cost, fixed costs and administration and sales cost.

<sup>&</sup>lt;sup>26</sup> Includes income tax and fees for port concessions.

<sup>&</sup>lt;sup>27</sup> Includes expenses for financial payments.



#### PORT FEE

Concessioned ports are obligated by law to make an annual payment to the government for the concession, calculated based on the economic value of the port asset and known as the "port fee." The amount payable is not linked to the profit obtained that year; even when no profits are generated, the port fee must still be paid.

In Chile's case, since the concession system began, the fee paid to the government has been around three times the value of the profits received by the owners in the same period. In addition, port companies make infrastructure investments, which are regulated by the government. In Chile, this amount is similar to the total paid in port fees.

### HISTORIC PORT FEES PAID BY PORTS IN CHILE

In millions of US\$ from the beginning of each concession period until 2016.

	CONTRIBUTION TO SHAREHOLDERS	CONTRIBUTION TO THE GOVERNMENT		INFRASTRUCTURE INVESTMENTS
	DIVIDENS	PORT FEE PAID	INCOME TAXES	CAPEX
STI	37	340	28	341
SVTI	21	196	20	127
ITI	61	56	20	72
ATI	32	88	12	175
Total	151	680	80	715



### **CUSTOMER RELATIONS**

#### OUR CUSTOMERS

SAAM operates three business divisions in which it maintains a strong market position in the region: port terminals, towage and logistics. Thanks to the combination of services that it offers, the company is recognized as a comprehensive cargo operator which also provides broad geographic coverage in the Americas to its customers.

#### PORT TERMINALS

This division offers cargo transfer services to customers including vessel docking and undocking, cargo transfer and storage in auxiliary facilities.

The division's main customers are shipping companies engaged in regular maritime transport services along a specific route, generally on a weekly basis. A second group of customers is importers/exporters, freight forwarders and logistics operators, with an emphasis on mining port projects.

Port terminals are concessioned by the government and oversight is usually handled by a public port company, which ensures compliance with the clauses of each concession contract.

Each country has a regulatory framework for the industry that is designed to promote investments and improve the sector's productivity and competitiveness. The majority have a private operator concession system as well as port and government authorities that oversee the actions of concessionaires, mainly in regard to free competition.

In both Chile and other countries, there are standards that guarantee equal, non-discriminatory access to port services, rate criteria that promote competitiveness, rate regulation, quality and free competition standards and structural protections regarding horizontal and vertical integration.

#### TOWAGE

This operation provides docking and undocking support services for ships in the ports, assisting vessels with both salvage and towing. In addition, the company provides towage services at off-shore terminals and positioning and anchoring at oil and gas platforms.

The main towage customers are shipping companies, oil companies, port terminals, importers and exporters.

Port towage activity is highly regulated and is subject to each country's laws. The port towage market is governed by national regulations and is generally considered a cabotage or maritime transport activity. From a commercial perspective, various business models adopted by local authorities for the provision of towage services coexist, ranging from concessions and regulated rates as in the cases of Mexico, Guatemala, Honduras and Costa Rica to open markets and free rates, which is the model used in other countries in which SAAM operates.

#### LOGISTICS

After restructuring the portfolio of services offered to the market, SAAM Logistics has focused on solutions that create value in the supply chain of each customer in such diverse industries as food and beverages, consumer goods, mining, energy and manufacturing. This division's services include managing customers' logistics processes, inventory and information.

SAAM has off-port warehouses, storage facilities and cold storage units throughout Chile that allow it to store cargo whether or not it has entered the country, thus offering value-added services to meet customer needs. This includes transportation and other complementary services in order to create a unique value proposition that gives users a single logistics provider of monitoring, traceability and data services.

The design seeks to optimize every link in the customer's supply chain, contributing solutions that integrate systems and technologies into the logistics process. This allows for visibility to be provided with a differentiated value proposition that includes overseeing the resources of each of the operation's activities and identifying potential processes that do not add value and are not always identified by the customer. The goal is to develop an efficient logistics chain that gives customers the peace of mind they need to focus on their business.

### SAAM LOGISTICS SERVICES



- Handling products with inventory control management
- Value-added services (labeling and packing)
- Customer storage cycle and cross docking in SAAM warehouses and third-party facilities



- Import and export cargo transport
- Transfer of final products or products in process



- Connection and disconnection of flexible hoses transporting hydrocarbons
- Storage of liquids in specialized silos
- Logistics services for the wood (chips and pulp) industry, among others

### SERVICE QUALITY

Our commitment to our customers and to service quality There are various customer communications and service is reflected in the certification of SAAM's management platforms that range from traditional to online systems. systems under the international standard ISO 9001:2008 The online service systems that have been implemented by (quality)29.

SAAM's value proposition is based on the relationship with additional services that facilitate and improve the that we develop with and personalized attention provided customer experience, such as storage and consolidation. to our customers. For example, each port terminal has a commercial management office that periodically visits. In an effort to continually improve our terminals, we customers (shipping companies, exporters/importers, have recently promoted five key initiatives: measuring transport firms, shipping agents, etc.). At the corporate the general efficiency of the crane teams, introducing level, the Port Terminals Division has a department practices to enhance crane performance, standardizing focused on commercial issues. SAAM's services aim maintenance processes; scheduling container receipt to provide coordinated service and timely responses to and dispatch with systems tools (Container Express); and contingencies.

Each business has a customer database that is managed locally and independent of the division. As a result, customer satisfaction is measured differently in each case.

the Port Terminals Division at many ports are particularly important. Both importers and exporters are also provided

appointing and training continuous improvement leaders.

### CONTINUOUS IMPROVEMENT LEADERSHIP TRAINING - CHILE

Each port terminal trained continuous improvement leaders in the development and use of technologies and information systems that allow them to optimize daily terminal operations.

The skills addressed include teamwork (concern for direct supervisees, contribution to the development of direct supervisees, and delegation of responsibility), facilitating leadership, dispute resolution, results-based approaches, motivation and trust.

Each process ended with participants presenting objectives for improving their terminal to be addressed in the future.

### RELATIONSHIPS WITH OTHER STAKEHOLDERS THAT ARE CRUCIAL TO SERVICE

Port services depend on a diverse group of stakeholders that impact the quality delivered to the customer. In view of this, SAAM's Port Terminals cultivate a close relationship with the stakeholders that impact terminal performance: transport companies, customs agents, empty container deposits, public port companies as well as customs, maritime and local authorities, among others. The quality of the terminal's service and the entire supply chain depends on solid coordination with all these parties.





<sup>&</sup>lt;sup>29</sup>ISO 9001 certification has been obtained for the port terminals in Antofagasta, Iquique, San Antonio, San Vicente, Ecuador, Mexico Peru and the US. The following towage units are certified: Brazil, Canada, Ecuador, Mexico, Panama and Peru. We hope to certify operations from the Logistics Division in the future.

### QUALITY CUSTOMER SERVICE

The most highly valued aspects of service quality vary from business to business.



\*ABC Curve: method of classifying services based on their relative importance. The highest value classification is A, the intermediate level is B and the lower value level is C.



## "CONTAINER EXPRESS" IMPROVES SERVICE TO PORT TERMINAL CUSTOMERS - CORP

SAAM is looking to generate a true virtuous circle for exporters, transportation firms and customs agents using Container Express. This innovative initiative seeks to reduce service times during the container receipt and unloading process at SAAM's port terminals.

The model has already been implemented at the San Vicente and San Antonio ports and will be replicated in all port terminals.

Container Express offers added value to customers through the website. This computer platform brings together port operational systems, customs systems and the entire web transaction platform, thus coordinating shipping agencies, exporters, importers, customs agencies and oversight authorities (customs, SAG, etc.)

### SUPPLY CHAIN SUSTAINABILITY (SUPPLIERS AND SUBCONTRACTORS)

The competitiveness of SAAM's business is based, to a great extent, on the performance of critical service providers. As such, SAAM and its companies make efforts to ensure the sustainability of contractors, to improve labor standards of service providers at SAAM facilities and to guarantee the labor conditions of those companies' employees. In this context, it is fundamental for the company to build mutually beneficial relationships with suppliers of goods and services.

SAAM subcontracts specialized services in specific areas based on each business line. Subcontractors provide ongoing support services such as maintenance, security, transportation and meals. It also outsources temporary services for expanding or building new facilities. SAAM also hires organizations to train certain employees, such as towage crews, on specific issues.

#### PROTECTING SUBCONTRACTOR SUSTAINABILITY

The sustainability of firms that provide services to SAAM is safeguarded in various areas. For example, the Code of Ethics extends to them along with care for facilities' security. In addition, progress has been made on the stage prior to hiring providers through the development of an information system on critical areas such as financial capacity, accident rate, quality certifications, environment, risks and reputation in sensitive areas of the business. Furthermore, SAAM looks into sensitive areas in terms of ethics such as funding terrorism and money laundering. We use tools such as Achilles to obtain integrated information from providers on finances, legal compliance, accident rates and other topics.

In addition, an organization-wide Subcontracting Committee was created and developed a Corporate Policy on Subcontracting as well as a standard for requirements for hiring service providers. This collective effort became the basis for subsequent sourcing and hiring work and oversight of contractor performance.

The Corporate Policy for contractors will be disseminated during 2017. Thanks to this policy and other procedures associated with the Procurement Area, the company will have a system with segregated, clear functions for contractor management throughout the entire cycle of the commercial relationship with SAAM.

TWO NEW CORPORATE
COMMITTEES FOCUSED
ON CONTRACTORS WERE
CREATED IN 2016: THE
BID COMMITTEE AND
THE SUBCONTRACTING
COMMITTEE.

Changes are being implemented to ensure proper segregation of duties, from identifying the type of service needed to selecting and hiring the supplier, and including operational and administrative oversight of the contractor.

A multidisciplinary team will participate in the entire process in order to select strategic partners that meet SAAM standards and add value to the processes.

#### LEGAL COMPLIANCE BY SUBCONTRACTORS

SAAM requires its contractors to comply with all laws and regulations in each country. These requirements form part of the mandatory contractual clauses in its hiring standard.

In order to ensure compliance, new management and oversight systems have been incorporated, including Achiles, Ariba and Previred at the corporate level. These systems facilitate the inputting of and negotiation with suppliers subject to the subcontractor law and contract management as well as subsequent oversight of the contractor's labor obligations. Implementation of SISCON is also underway. This in-house development in SAP provides control of facilities access and is also applied to contractors.





## THE COMMUNITY

AN ONGOING CHALLENGE FOR SAAM IS TO CONTRIBUTE TO A MORE PROSPEROUS, STRONGER SOCIETY BY CONSIDERING THE CULTURE OF EACH AREA IN WHICH IT OPERATES, MANAGING ITS IMPACTS AND PROMOTING COLLABORATIVE EFFORTS TO CONTRIBUTE TO COMMUNITY DEVELOPMENT.

##saam

### ALIGNED URBAN INTEGRATION

#### SOCIAL CONTEXT

Due to its significant geographic dispersion, SAAM confronts different local realities in hundreds of operations in the 15 countries in the Americas in which it has a presence, from Canada to the Strait of Magellan in Chile. As a result of the scale and location of their facilities, port terminals have the greatest social and economic impact of any of SAAM's businesses. In addition, in certain territories they are the axis of development of local economies.

Ports have become hubs of development that have promoted the expansion of cities or emergence of settlements in their immediate surroundings. As a result, many terminals are located within urban developments, which presents new and greater challenges related to the port's integration into the community and within the city's dynamic.

#### STRATEGIC VIEW

SAAM's goal is to contribute value to the urban environment in which its operations are located, minimizing negative impacts, maximizing positive impacts and establishing communications channels and stable and long-term connections with the various stakeholders. This includes officials related to national and local territorial planning that determine coastline use, and neighborhood and social organizations that represent local residents.



PRIORITY AREAS FOR SAAM'S COMMUNITY ENGAGEMENT



To achieve aligned urban integration of its operations, the company focuses on:

- Maximizing its positive social impacts
- Generating urban value
- Managing inconveniences involving operations
- Strengthening dialogue and the relationship with the community

In order to make this form of management effective, the company has developed policies and best practices for SAAM and all subsidiaries. These tools can also be used by associates where SAAM has a direct impact on management. Since 2016, the company has had a Sustainability Policy (see p. 22), a Community Relations Handbook and a public affairs agenda that allow it to learn about different visions of territorial development and adopt measures that allow for harmonious and mutually beneficial coexistence.



SAAM seeks to maximize the positive social impacts of its operations, such as employment and business opportunities that are generated around port activities (see p. 42). At the same time the company works to minimize the possible negative impacts of its operations on surrounding communities, particularly near port terminals.

The company gives preference to local workers who meet the same level of qualification as other candidates and works with its employees, suppliers and contractors on prevention and management measures. For example, it includes responsibility clauses in its contracts and trains new personnel (from the company and contractors) on social, environmental and security risks. The company also established a Drug and Alcohol Policy that has led to training, family involvement, awareness campaigns, the application of drug and alcohol tests and rehabilitation programs.

#### MINIMIZING INCONVENIENCES AROUND PORT TERMINALS

SAAM compiled a list of the main concerns of the stakeholders of its Chilean subsidiaries. Based on the results of this study, the company is working with different local actors to manage the impacts of cargo transport (roadway impact and risk of transit accidents) and cargo handling (emissions, noise and visual pollution).

One noteworthy experience, based on its effectiveness, is the Container Express system developed by San Vicente Terminal Internacional (SVTI) to coordinate the entry and exit of cargo and containers and the arrival of transport companies to that terminal. SVTI has used a reservation system to reduce wait times for trucks to an average of 15 minutes, ending congestion and possible traffic jams at the entrances and public streets near the port. This experience has been replicated or adapted by other SAAM terminals and other Logistics Division operations associated with general and off-port storage facilities.

Another one of the community's major concerns involving port activity and towage is the risk of environmental incidents. In response, protocols have been implemented to lower the risk of incidents and address various types of emergencies in all SAAM operations within port terminals. In addition, case studies are conducted in order to ensure that accidents are not repeated, and drills are conducted to keep the staff and community alert More information in p. 65.







#### LISTEN AND CHANGE

The first voices of discontent emerged in 2007, when without the field that the community wanted to recover the Corral community began to ask the port to give the and the transit of trucks between that point and the community the land that it used in Corral Bajo, just one terminal. This made it possible to establish the basis kilometer from the terminal, to store wood chips. The for an agreement with the Corral Bajo community and to company did not respond to the complaint in a satisfactory reduce night operations in Amargos and further reduce manner, and pressure mounted until 2015, when it began the impacts on the immediate surroundings. to impact the port's social license to operate.

changing the way in which it interacted with the community and established a systematic plan that involved the entire team in order to recover local residents' trust and build a relationship that would be sustainable in the long-term. the local school and emblematic initiatives like Corral

The first stage involved approaching the community organizations that led the campaign to recover the The key to reconciliation between Portuaria Corral and installing an acoustic screen to mitigate the noise of become an example of coexistence and trust building. operations in Amargos Bay.

In addition to changing how it interacted with the community, it was important to challenge the paradigm that the terminal needed auxiliary facilities in Corral Bajo in order to make its operation viable. After months of analysis and testing, it was determined that port operations could be optimized and it could make do

The dialogue process that began in 2015 was strengthened Following this "wake-up call," Portuaria Corral proposed in 2016, which helped the company better understand the community's concerns and seek out points of agreement. Ongoing discussions with residents were held, community projects were identified, the company began to support Bike were launched (see p. 59).

Corral Bajo land and the implementation of a series its community has been understanding each other's of improvements in its facilities and the surrounding needs and offering a second chance. In early 2017, the areas. This demonstrated the company's interest in local differences were overcome through the signing of a integration. The actions adopted included replacing framework agreement that marks the beginning of a new fencing around the perimeter and the storage field and stage in which the company and the community seek to

### RELATIONSHIP AND DIALOGUE WITH THE COMMUNITY

The Community Engagement Handbook is a guide to help SAAM and its companies establish contact with the community and take the steps necessary to generate a long-term relationship with it. The handbook provides procedures and tools organized around four areas:

- 1. Considering each area's special features
- 2. Planning the relationship
- 3. Promoting participation
- 4. Obtaining feedback

In the context of the transparency and community relations policy, SAAM and its companies have implemented and publicized a wide range of formal spaces for communicating with communities. These range from merely informative spaces for minor operations (information sheets, suggestion and complaint boxes, a grievance hotline, press releases and a website) to spaces for direct interaction with the operations that are considered most critical (meetings and panel discussions with officials and community representatives, site visits, meetings with influencers and NGOs, surveys and studies, etc.)

Over the past few years, communication through the websites and social media of SAAM and its companies has intensified. These channels are constantly expanded with information related to port operations and culture and offer specific channels for the community. One example is the Antofagasta Terminal International Website. In addition to providing ongoing information about operations and types of cargo, it has a closed-circuit TV feed so that each site can be viewed live.

The majority of SAAM's port terminals offer guided tours of their facilities and operations in order to bring the community closer to the company. Members of social organizations, students of all ages, researchers, officials and employees' families are the main participants in the tours. In addition, each May the ports invite the school community to visit in the context of the month-long celebration of the ocean.

In 2016, SAAM created the questions and suggestions system, which is open to the community through the website www. saam.com. The system is used to address and respond to grievances, questions, suggestions and concerns submitted by the community regarding SAAM's operations. The company has responded to 100% of requests received through this system within 48 hours.

#### SOCIAL INCIDENT MANAGEMENT

Potential inconveniences to communities caused by operations can develop into social conflicts. SAAM offers formal communication channels and conducts community perception studies in order to identify such inconveniences at an early stage. Despite these efforts, it has faced several citizen conflicts, such as the case of Antofagasta Terminal Internacional (ATI), where the community is concerned about dust emissions from copper concentrate, or Portuaria Corral, where the transport and stockpiling of wood chips led to protests.

SAAM only owns 50% of Portuaria Corral and 35% of ATI, but it has worked with its partners to seek out channels for dialogue and joint solutions. Thanks to these spaces, constructive agreements have been reached in Corral between the company and the community (see the next frame).



#### RECOVERING TRUST

and Mineral Concentrate Shipping (RAEC) project by ATI (CPA) for logistics, ports and mining in Antofagasta. generated the first protests over the visual impact of the making a series of voluntary commitments to operate structure that would be used to store copper concentrate. in accordance with standards that exceed the legal The concern was amplified when a series of voices began requirements. In 2016, the company acquired spreaders to call attention to supposed health risks derived from the that allow it to conduct its cargo operations using transfer of heavy metals in the port.

the community has recently faced serious public health problems due to the presence of arsenic in the the first two warehouses.

In this context, the company acted quickly and assertively mining activity in the city. to correct the situation, replacing key executives and making three commitments: to implement the highest 
In the future ATI will increase its efforts to continue to environmental standards in all of its processes, to make recover the community's trust, sharing objective data and its operations transparent and to launch a community engagement process. Investments were made to correct for the environment and especially for people's health. noncompliance and implement additional improvements. In addition, the doors were opened to organizations and individuals who were interested in visiting the company and cameras were installed so that the worksites could be viewed online.

In mid-2013, the construction of the Stockpiling Reception In 2015, ATI promoted the Clean Production Agreement hermetic tippable containers and stopped using one of the old bulk mineral stockpiling warehouses. Beginning This issue is a particularly sensitive one given that in 2018, ATI will stop using a second old warehouse and will stop using covered trucks.

water and open-air lead stockpiling. The movement In this way, the company has once again become the #EstePolvoTeMata (#ThisDustKillsYou) made the issue leader in the development of ports dedicated to the visible and mobilized discontent, evolving into a matter transfer of bulk minerals, just as it did in 2003, when it of general political interest. RAEC oversight increased built the first negative pressure storage facilities in the exponentially and led to sanctions for noncompliance in country and ended outdoor stockpiling of these bulk items. These milestones were key to the improvement of environmental and health indicators associated with

showing that the port has ceased to be a factor of concern



#### CONTRIBUTING URBAN VALUE (SOCIAL INFRASTRUCTURE)

Generally, SAAM has modernized its port terminals through concessions. This has drastically elevated the productivity of those spaces and has allowed ports to meet foreign trade requirements which, during their best years, grew at rates as high as two digits without the need to expand the spaces that they use. For more information on port infrastructure and better levels of productivity and efficiency. The goal is to SAAM's economic contribution, see the following chart.

In line with its community relations strategic plan, SAAM promotes alliances with public and private institutions to develop initiatives of shared interest such as sustainable development, care for the environment, urban improvement around its operations or disaster assistance in case of for and rejuvenate this sector. The project brings together emergencies or catastrophes. In this context, agreements community organizers, coastline users, environmental and have been reached with institutions such as Desafío cultural experts and representatives of public and private Levantemos Chile, Fundación Techo, Corporación Patrimonio services Marítimo de Chile and Museo Marítimo de Chile.

For example, SAAM Smit Towage participates in the Port Community project in Lázaro Cárdenas, Michoacán. This is the first formal port community model in Mexico. Its objective is to collaborate with all stakeholders in the value chain to develop actions for improving port logistics in order to reach position this port internationally, thus increasing opportunities for the entire community.

Also in this context, ATI collaborates with Corporación CREO Antofagasta on the macrozoning of the urban coastline. The goal is to generate an organized work platform to help plan

#### Annual transfers at ITI, ATI, STI and SVTI (in millions of tons)



#### CORRAL BIKE

Corral Bike is a joint initiative of the Corral Port and the local municipality to develop tourism in the district. During its first phase, the project offered tourists who visit Corral 25 mountain bikes that they could use to tour the city and its surroundings. The bikes are placed at four stations located in strategic points. Nearly 500 people use the bikes each month. For more information see. www.corralbike.cl



### CONTRIBUTION TO LOCAL DEVELOPMENT

### STRATEGY AND PRIORITY LINES OF SOCIAL INVESTMENT

In 2016, the Social Investment Strategy was launched. Its primary objective is to give social investment projects a unified seal which, in addition to contributing to a specific community need, contributes to the positioning and valuation of SAAM and its companies as key players in the development of their environments and stakeholders.

In 2016, SAAM invested Ch\$564,032 in social projects and initiatives, 70% in social investment, 27% in donations and 3% in publicity<sup>30</sup>.

The four axes for social investment are focused on urban integration aligned with the city and the contribution to local development and were defined based on each company's social reality.

### SOCIAL INVESTMENT AXES









#### SOURCES OF INCOME FOR THE COMMUNITY

candidates, suppliers and service providers and pay small specialization of the services that it provides, this is a clear and medium businesses promptly.

For example, the Montevideo cargo handling firm, Gertil, Under this policy, Portuaria Corral trained 23 local residents in different SAAM companies. Based on the classification they can perform jobs in the ports. that each of them has provided, in 2016 purchases totaling at least US\$199 million were made from over 16,000 local In 2017, SAAM will work to generate more precise indicators suppliers31.

its subsidiaries resided in the region in which the company economic contributions, see p.42.

SAAM companies give preference to qualified local job operates. Given the difficulty presented by the level of reflection of efforts to promote the hiring of local residents.

has contributed to the development of local suppliers, as Front Load Operators in 2016, seven of whom were including companies that provide vulcanization, electrical women. Iquique Terminal Internacional (ITI) periodically and welding services. Experiences like this one are repeated holds a training program for local men and women so that

of its performance in this area in order to identify the direct or indirect contributions of its operations to local labor During the same period, 82% of employees of SAAM and markets and economies. For more information on SAAM's



### SOCIO-ENVIRONMENTAL WELLBEING AND EDUCATION

SAAM contributes to improving quality of life through the protection of the community's natural resources. In addition to its daily environmental management, it supports diverse public and private organizations and participates in different activities to promote environmental awareness among the general population. These include activities such as International Coastal Cleanup Day.

Antofagasta Terminal Internacional has actively participated in the Port of Antofagasta Clean Mining Logistics Production Agreement, which was introduced in September 2016 by officials, local companies and the community. Its objective is to incorporate the best available techniques for logistics associated with the transportation, stockpilling, shipping and unloading of bulk concentrated mineral to and from the port. The agreement is currently being implemented and has a horizon of two years. ATI also participates in the Antofagasta Municipal Environmental Committee, which seeks to strengthen local environmental management and promote citizen education and participation in this area. The ultimate goal of this effort is to environmentally certify the Municipality of Antofagasta over a period of four years. For more information on terminal participation in Clean Production Agreements, see p. 70.

In 2016, ATI launched the Leave Your Green Mark Environmental Education Program at schools in Antofagasta. The goal of this effort is to promote behaviors that benefit the environment. The program began with a series of talks for students in Grades 4-8. This year, school leader training will begin in order to promote their ability to train their peers in environmental practices and develop initiatives that benefit the school and the community.

In addition, San Vicente Terminal Internacional (SVTI) has signed agreements with schools and daycare centers to support the development of environmental awareness through a wide range of activities. These include the creation of greenhouses and implementation of recycling programs. For example, in 2016, SVTI led a public space recovery program, working with schools to plant 150 trees.



<sup>&</sup>lt;sup>30</sup> Includes SAAM initiatives as well as those of its subsidiaries and main associates.

<sup>&</sup>lt;sup>31</sup> Includes employees, suppliers and purchases by SAAM, its subsidiaries and main associates.

#### SOCIAL CAPITAL

SAAM generates shared value, strengthening the community's social capital through its contribution to education, health and athletics, whether in its own initiatives or in collaboration with local development organizations.

One important alliance involves local governments and maritime authorities. This has led to Antofagasta Terminal Internacional's participation in the Municipal Environmental Committee (in environmental education and community initiative commissions) along with other local companies and social organizations. ATI also participates in the Municipal Social Development Corporation, which encourages best practices in health and education for the region.

Some of the noteworthy initiatives developed in 2016 are:

- The Globetrotting Container marked a new SAAM community building approach, highlighting the importance of the ocean in history and Chileans' daily lives and its role as a source of development (see inset).
- The agreement between SAAM Towage and Universidad Andrés Bello to create shipping simulators using cutting edge technology (see p. 84) and increase the number of vacancies for professional practicums that the company reserves for students in the Merchant Marine program.
- SAAM Smit Towage Mexico continues to implement the Kanan project, which means care and protect in Mayan. Its objective is to avoid risky behavior among employees and their families through addiction prevention actions. It also strengthens family support and unity.
- · SAAM Smit Towage Canada has worked with the First Nations organization since 2010 to implement a series of initiatives with indigenous communities such as the blessing of new towing vessels, provision of scholarships and support for sports.

In addition, SAAM companies support various athletics initiatives and local athletes. In 2016, ATI collaborated with Club Deportivo ATI and its adult and children's soccer leagues and women's basketball league, while Kios supported emerging athletes. Portuaria Corral helped create the kayaking class at Liceo Carlos Haverbeck Richter. In addition, donations were made to local sports clubs like San Antonio Unido and Deportes Iquique and inter-company soccer championships were held.





#### THE GLOBETROTTING CONTAINER

Through three interactive play stations, this traveling exhibit mounted on two 40-foot containers that have been remodeled into visitor centers allows visitors to learn about the shipping world, maritime history and the role of ports and logistics terminals in national and international trade. Its purpose is to bring the public, especially younger generations, closer to maritime culture and tradition, presenting the ocean as a window of connection to the world.

In 2016, the container visited the cities of Valparaíso, San Antonio, Talcahuano and Iguique, and had a presence at the International Naval and Maritime Exhibit for Latin America and Trans-Port 2016, with a total of over 7,000 visits. The project was developed in collaboration with Chile's Corporación Patrimonio Marítimo and benefits from the Cultural Donations

#### HELP IN EMERGENCY SITUATIONS AND NATURAL DISASTERS

The company has stood out for its salvage, firefighting, natural and industrial disasters (hydrocarbon spills, fires, hydrocarbon spill cleanup and dispersant pulverization etc.). For example, they provided support to the Burgos in order to combat pollution. Its highly trained staff and ship that caught fire while transporting 167,000 barrels of modern, high-powered tow fleet (85 tons of bollard pull) fuel in the anchorage area of the port of Veracruz. Two of with solid maneuverability (mainly ASD tugs) have been the company's tugs assisted in emergency efforts with the central to this effort.

employees who are part of a rapid response team for rescued unharmed.

port's early response team and they worked as part of the salvage team. The operation prevented the fuel from spilling One noteworthy case is the SAAM Smit Towage Mexico into the sea and allowed for the 31 crew members to be

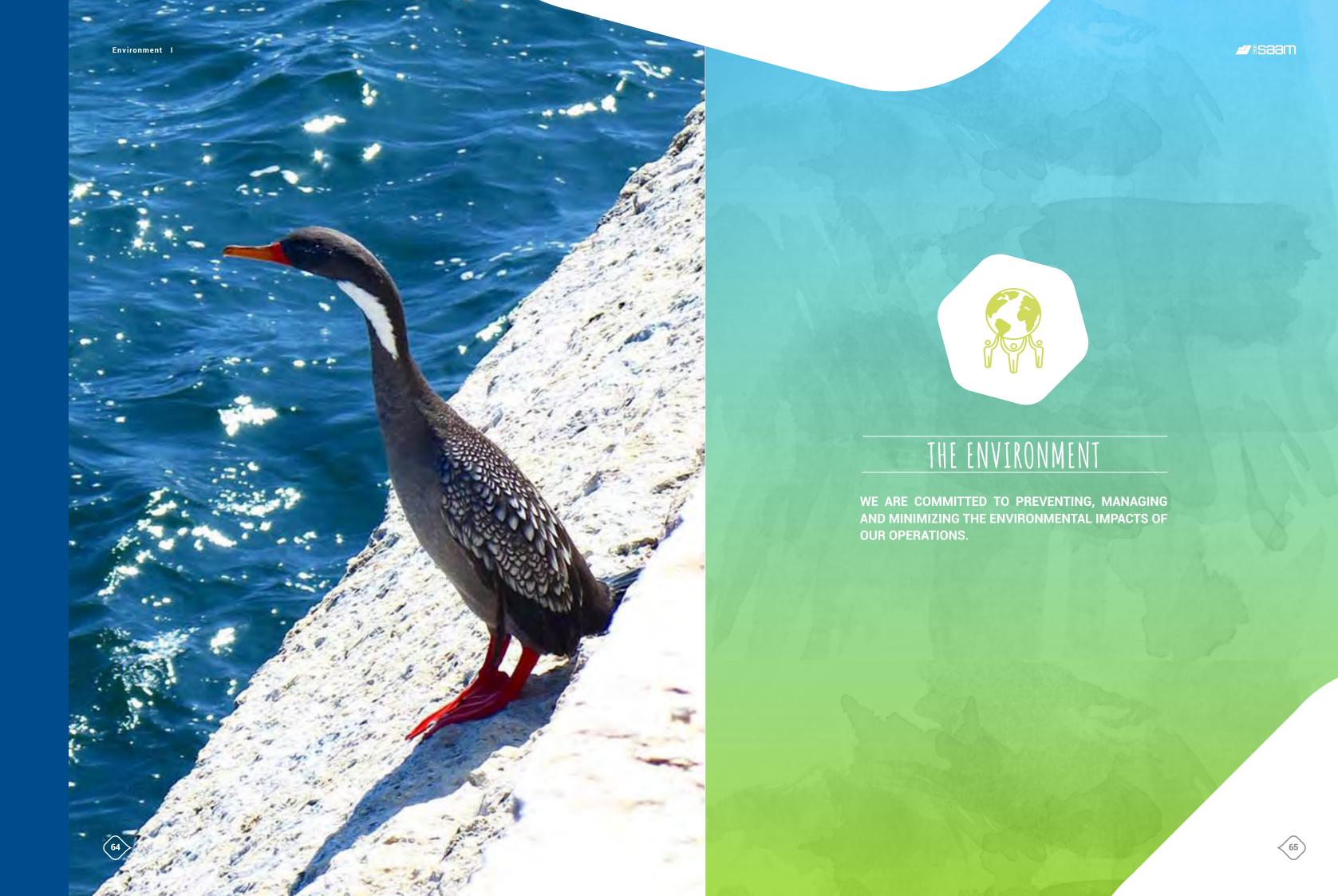
#### TUGBOAT PROTECTING THE GALAPAGOS ISLANDS

The Galapagos Islands are a world heritage site and biosphere reserve that has been affected by massive fuel spills over the past few years due to ocean conditions and the lack of emergency crews. In order to help address this type of contingency, in 2015 Ecuaestibas gave the Ecuadorian Navy a tugboat with the technical specifications required to operate in this area and provide response capacity to environmental protection authorities.

This was made possible thanks to the company's fleet renewal program, which made the operational tug available. The gesture was meant to mark Ecuestibas' 20th year in Ecuador in alliance with the country's government and Navy.

The social infrastructure area is discussed in terms of the contribution to urban value. See p. 60





### ENVIRONMENTAL MANAGEMENT

During 2015, SAAM developed its sustainability strategy, identifying the most important environmental aspects for the company. These aspects and impacts will be updated for each business unit in 2017. The map will be used to develop a management program to establish the objectives and goals to be developed beginning in 2017.

#### CORPORATE ORGANIZATION

The company decided to implement environmental management at the corporate level in 2016 in order to support and supervise performance in this area in its main operations. It created the position of environmental specialist as the individual responsible for ensuring the fulfillment of the commitments derived from SAAM's Sustainability and Occupational Health and Safety policies.

CARING FOR THE
ENVIRONMENT AND
PREVENTING NEGATIVE
IMPACTS ARE INTEGRAL
COMPONENTS OF OUR
BUSINESS.

As part of this effort, the Corporate Risk Prevention Division was replaced with the Corporate Health, Safety and Environment Division. The unit is tasked with providing comprehensive management of these three aspects, which is essential to the adequate operation of SAAM and its companies

#### MANAGEMENT SYSTEMS

Environmental issues are handled through an ISO 14001<sup>32</sup> certified management system whose scope is progressively being integrated into all of the company's business.

#### REGULATORY CONTEXT

Environmental issues are regulated by various officials depending on the country and the business. In Chile, port and towage operations are regulated by the maritime authority, the Port Works Department and the Port Authority. Logistics companies are regulated by the Ministry of Health, the Ministry of the Environment, the Environmental Assessment Service and the Ministry of Transportation. Oversight is handled by the Superintendency of the Environment and the respective Regional Health Ministry Services.

At the international level, the International Maritime Organization (IMO) is a United Nations entity responsible for adopting measures to protect the security of international maritime transport and prevent pollution of the marine environment. Each country's government chooses whether or not to have an agreement with the IMO.

#### COMPLIANCE

It is important to SAAM to ensure environmental compliance in every division and in each country. The company has been developing a socio-environmental commitment monitoring system since 2016 that includes, among other things, an early alert for identifying potential non-compliance.

One of the roles of the new corporate environmental unit is analyzing compliance and the legal context.

#### INCIDENTS AND FINES

No operational incidents with significant environmental<sup>33</sup> impact that would have involved fines or sanctions took place in 2016.



<sup>33</sup> Includes SAAM, its subsidiaries and associates.



#### CONTEXT

Port, towage and logistics operations have the potential to generate significant impacts on the environment. While these impacts are minor compared to those caused by other industries, steps must be taken to avoid and manage them. SAAM uses a preventative approach to adopt specific management measures in response to the risks and threats that an activity may generate.

Potential Impacts of the Various Industries:



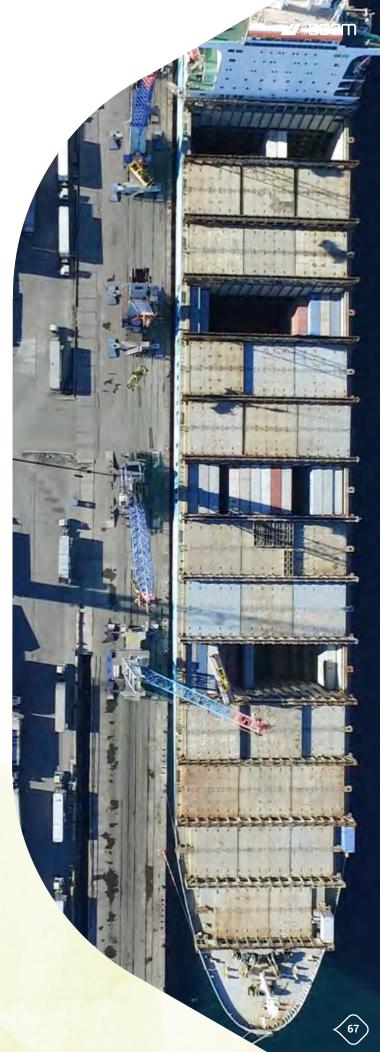
•Port Terminals have the potential to generate impacts related to air quality, transportation (traffic and roadway safety), visual pollution, noise, stockpiling and management of sensitive and/or hazardous bulk and cargo. Adequate management of supplies and solid waste is also important. Both ships and the loading and unloading process have the potential to generate pollution to the marine and river environment as a result of spills of hazardous substances or the occurrence of natural disasters. In addition, port terminal expansions can have environmental impacts due to dredging processes.



•Logistics are mainly associated with impacts derived from handling hazardous bulk products and cargo and the impact of movement on traffic and safety. There are also environmental issues to consider related to warehouse construction



•Towage is considered cabotage. The main potential impacts are use of fuel, noise, and prevention of and reactions to incidents or natural disasters.





#### PORT TERMINALS

#### TRANSPORTATION IN PORTS

have developed various initiatives to reduce this impact. order to minimize impacts on the environment. One of the main initiatives is Container Express (see p. 54). This is a more efficient operational model that includes a loading and unloading scheduling system for drivers. The model has led to homogeneous distribution of container receiving over the course of the day, increasing terminal productivity and reducing waste as well as producing greater synergy among the stakeholders involved in this process. All of this generates fewer impacts on the surrounding areas, with fewer trucks on the road and waiting to enter the port. Another positive impact derived from these measures is the reduction of waiting times for drivers, which translates into higher quality work experiences for them (along with the addition of waiting rooms and bathrooms) and improved productivity for CLEAN PRODUCTION AGREEMENTS their vehicles.

In 2016, the Mexico Port Terminal implemented a joint initiative with the port administrator in order to mitigate the amount of transportation inside and outside of port facilities. There is a buffer area for drivers which is associated with a charge by the Port Authority and generates incentives to minimize the time that they spend in the terminal.

Corral merits special mention for moving its chip stockpiling area (which used to be located in Corral Bajo) and, consequently, eliminating port-related traffic in that area because all of the cargo that ships from Corral to international markets now enters this terminal by water.

#### AIR QUALITY AND POSSIBLE SPILLS IN BULK PORTS

EMovement of bulk cargo has the potential to generate environmental impacts through emission of particulate matter or spillage during reception, storage, docking and departure. The port terminals that handle bulk cargo take steps to minimize those impacts. For example, the Corral terminal has made available small craft and containment material in cases of bulk spills, which in this case corresponds to wood chips.

The inconveniences that transportation generates is a In 2016, the Peru terminal inaugurated a modern reception, sensitive topic for local stakeholders. SAAM companies storage and shipping system for mineral concentrates in

All port terminals have measured noise emissions and have taken steps to mitigate those that reported high levels. This was the case of Portuaria Corral, which had nighttime levels that were slightly higher than the maximum. In order to correct this, the terminal presented a plan that was approved by environmental authorities and concluded with the installation of an acoustic screen that solved the problem and also improved the appearance of the area.

Chile has Clean Production Agreements (CPAs) in place that promote best industry practices in order to generate synergies and economies of scale. They allow for environmental performance that exceeds standards and increases the companies' productivity and competitiveness. CPAs are voluntary commitments made by private companies in cooperation with the public sector. They are geographically limited and define objectives based on the most important environmental issues. More information en p. 70.

#### MINIMIZING EMISSIONS IN BULK SHIPMENTS - ANTOFAGASTA

The Antofogasta Port Terminal was the site of a significant conflict with the local community in 2015 due to complaints about air quality and emissions of bulk cargo. Monthly measurements were conducted of particulate matter (PM 2.5 and PM 10) and Sedimentable Particulate Matter (SPM) on the ocean floor.

In 2016, concrete steps were taken to minimize emissions resulting from the transport of mineral concentrates.

#### Control measures:

- · Ceasing operation of the Concentrated Stockpiling System (CSS)—one of the two old warehouses built in the port—for the use of mineral concentrates.
- · Implementation of a new mining concentrates cargo system that uses flippable containers that are unloaded within the ship's hold, thus minimizing emissions into the environment.
- Cleaning of trucks and railway cars that transport minerals.
- By 2018, 100% of the cargo should be moved in sealed deposits.

### RESPECT FOR THE ENVIRONMENT IN THE EXPANSION 34 OF PORT TERMINALS

The expansions of the port terminals at San Antonio, San Vicente and Guayaquil in Ecuador cover a series of environmental aspects that had to be considered from the design stage and implemented during their construction.

A monitoring program for noise, air emissions and both hazardous and non-hazardous waste was included as well as safe handling of hazardous substances, effects on marine flora and fauna, control of noise pollution and protection of monuments and sites of anthropological, archaeological or historical value.





# PORT TERMINAL PARTICIPATION IN CLEAN PRODUCTION AGREEMENTS

More sustainable terminals committed to the environment that are more efficient in terms of both production and the environment.



In 2016, the CPA for the Tarapacá Region Logistics and Industrial Sector was created. Its lines of work are: minimizing pollution of ocean bodies associated with port activities and incorporating anti-spill plans for hazardous materials, reducing the environmental impact of dredging processes, improving management of supplies and solid waste and decreasing pollution due to particulate matter and combustion gases generated by transportation. It includes commitments to a 3% reduction in energy consumption and a 5% decrease in the use of fresh water.



The Port of Antofagasta Mining Logistics CPA was introduced in 2016. Its purpose is to incorporate the best techniques available in logistics associated with the transport, storage, shipping and unloading of bulk mineral concentrate to and from the Port of Antofagasta, increasing the standards of port-mining operations in order to avoid negative impacts in the city.



Formed in 2016, the CPA for the San Antonio Logistics Community has the following objectives: comprehensive management of supplies and solid waste, the promotion of the Extended Responsibility Law, the implementation of measures to mitigate and control emissions derived from transport operations and the handling of solid bulk. This CPA also seeks to improve labor safety standards and the integration of companies' emergency plans and their connection to the city of San Antonio.



Launched in 2015, the Biobío Region Ports CPA includes the following lines of work: program to monitor the quality of the marine environment, implementation of best dredging practices, minimization of pollution generated by particulate matter and combustion gases from transportation used from and towards the port terminal.





#### TOWAGE

#### PREVENTION OF ACCIDENTS IN TOWING AND PREPARATION FOR NATURAL DISASTERS

The SAAM towage operations are prepared to face. If an accident occurs, regardless of the company providing as possible.

plans for the services provided in collaboration with fuel on prevention. companies that are customers (Petrobras in Mexico, Pemex in Mexico and ENAP in Chile).

emergencies. Drills of sinking vessels and other types of the service, a complete study is conducted in collaboration accidents are conducted on an ongoing basis. Planning is with the towage owners regarding the incident and any key for minimizing risks and avoiding as much improvisation prevention measures that might have been useful. For example, in 2016 there was a fuel spill in the ocean involving the oil company Enap and the towage firm Ultratug in the In the case of services provided in terminals for fuel and gas, city of Quinteros. Though SAAM was not involved in the given that they are highly critical activities, prevention and incident, it was taken as a case study to learn about how protection measures are taken in line with this business. to prevent such an accident. A series of measures were SAAM units constantly develop and review assurance implemented to improve tugboat management with a focus

#### SAAM TOWAGE ACCIDENT PREVENTION PROTOCOLS

SAAM's experience in this area has led it to establish a protocol that identifies and outlines high-risk operations:

- Nocturnal operations
- •Operations during difficult weather conditions
- •Prohibition against changing the tugboat while fuel or gas is being loaded/unloaded
- •Prevention of alcoholism and drug addiction among workers (ongoing drug and alcohol tests)

#### PREVENTION OF ENVIRONMENTAL IMPACTS OF VESSELS

All tugboats have the potential to impact the environment, • Emissions: The company is constantly replacing older and steps must be taken to avoid the generation of domestic waste and waste water during operation and particulate matter air emissions as a result of the combustion of their motors. The actions that SAAM has implemented include:

- Domestic waste: These are discarded and taken to final disposal in each visit to port.
- · Waste water: All tugs have waste water treatment plants.

vessels with more efficient ones that generate fewer emissions (see inset). Since 2011, SAAM has incorporated only propulsion engines that meet International Maritime Organization regulations in its ship construction and renewal projects to control NOX emissions. Furthermore, in order to decrease SOX emissions, SAAM takes special care to acquire and use low sulfur content (< 2%) fuels in the ports in which it operates.

#### ASD TUGBOATS: SAFER AND ENVIRONMENTALLY FRIENDLY

In 2016, eight tugboats with Azimutal<sup>35</sup> propulsion were added to the 177 such vessels that SAAM has worldwide. These vessels offer greater maneuverability, safety and speed in their operations. Their motors are more energy efficient and they use less sulfur, that is, fewer contaminants. Both variables help reduce greenhouse gases per mile traveled.

In addition, the new tugs have waste water treatment systems and better safety and living conditions for the crew.

# CLIMATE CHANGE

#### CARBON FOOTPRINT IN THE PORTS

Ports are highly vulnerable to the effects of climate change. Changes in sea level, storms, wind and flooding pose risks to operators, equipment and stored products. The identification of these situations allows us to offer a safer service. In order to ensure that its operations are not part of the problem, SAAM measures its terminals' carbon footprint against industry standards in order to identify how and where to manage its greenhouse gas emissions in a responsible, transparent and efficient way.

Port terminals are making progress on action plans to decrease emissions. Stand-out initiatives include the improvement of planning processes, loading and unloading of vessels, the installation of air filters in equipment that requires it, replacement of equipment, shutting down heavy machinery or transport machinery when they are not being used, and training in efficient driving.





# GREENHOUSE GAS EMISSIONS

	PORT TERMINALS	3		
	ANTOFAGASTA <sup>36</sup>	IQUIQUE <sup>36</sup>	SAN ANTONIO37	SAN VICENTE <sup>38</sup>
Scope 1 ton CO <sub>2</sub> e	3,091	2,472	8,594	8,809
Scope 2 ton CO <sub>2</sub> e	1,433	473	7,809	2,243
Scope 3 ton CO <sub>2</sub> e	11,077	12,668	27,884	15,759
Total emissions (1+2+3) ton CO <sub>2</sub> e	15,611	15,613	39,296	26,811

- Scope 1: direct emissions from sources controlled by the ports, mainly consumption of fuel associated with each port's equipment
- Scope 2: considers emissions related to electricity consumption generated by others, mainly due to consumption by reefers, cranes and lighting.
- Scope 3: considers emissions from the value chain of the service provided. This includes emissions from ships and trucks that come to
  the terminal to load and unload, emissions from the production of purchases, employee transportation, air travel and the disposal and
  treatment of waste, among other things.

#### TUGBOATS

Greenhouse gas emissions for tugboats in the world, particularly NOx, are regulated by the International Maritime Organization (IMO). Maximum limits for the presence of sulfurs (SOx) in the fuel used has been set, defining areas of greater demand given the greater sensitivity of natural ecosystems. These areas are called Emission Control Areas. SAAM tugs operate in the Canadian coast's ECA, which has required the use of low sulfur content fuel in SAAM vessels.

Furthermore, the renewal of the towage fleet has led to the incorporation of vessels with lower greenhouse gas emissions. Since 2011, SAAM has incorporated only propulsion engines that meet IMO standards for its fleet construction and renewal projects in order to control NOx emissions. In an effort to reduce SOx emissions, SAAM takes special care to acquire and use low sulfur (< 2%) content fuels in the ports in which it operates.

<sup>&</sup>lt;sup>36</sup> Antofagasta and Iquique Port Terminals measure their emissions jointly. Data from 2014.

San Antonio neasured its carbon footprint in 2014 and 2015. This

<sup>&</sup>lt;sup>38</sup> San Vicente has measured its carbon footprint for three consecutive years. The measurement published is from 2016.





# LABOR PERFORMANCE

AS SAAM EXPANDS THROUGHOUT THE WORLD, IT SEEKS TO MAINTAIN ITS SEAL OF PROXIMITY TO, RESPECT FOR AND GENUINE INTEREST IN ITS EMPLOYEES.

# JOB QUALITY

#### LABOR CONTEXT

SAAM generates employment for over 11,000 people in 15 countries in North, Central and South America. Each of those contexts present different realities in terms of economics, politics and social issues. The conditions of the staff who work on land or aboard our vessels also vary from country to country.

In regard to port and towage work, employees tend to have a special connection to the sea. This is often the result of a long family tradition. Even so, new generations of employees place more value on opportunities for development, and their intention to stay with a company is related to their commitment to it.

#### STRATEGIC VISION

SAAM and the group companies have a shared human resources strategy based on organization-wide processes that contribute value to the organization. Their approach to this area considers the necessary adjustment to local realities and compliance with all legal regulations in the countries in which they operate as well as human rights (see p.31).

contribute to the company's growth and development, SAAM manages its human resources in line with the following pillars:

- 1. Labor commitment
- 2. Talent and leadership
- 3. Labor relations
- 4. Risk prevention

In early 2017, the group published its Inclusiveness and Diversity Policy in order to facilitate diversity in its teams, employee's talent and strengths.

Given that it is an investment group, SAAM does not have makes even more of an effort to disseminate its best turnover was 17.6%<sup>41</sup>. corporate practices among all subsidiaries and associates, though it recognizes that it still has room to grow.

The company had 11,340 employees in 2016<sup>39</sup>.

11,340 **EMPLOYEES IN 15 COUNTRIES** 

**OF ITS EMPLOYEES ARE FEMALE** 

**ENGAGEMENT** 

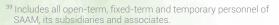
#### MANAGING ENGAGEMENT

Engagement is directly related to employees' productivity In line with its mission, vision and values and in order to and their intention of remaining with the company. Since 2013, SAAM has conducted an engagement survey among all of its subsidiaries. The results are used as the foundation for human resources management.

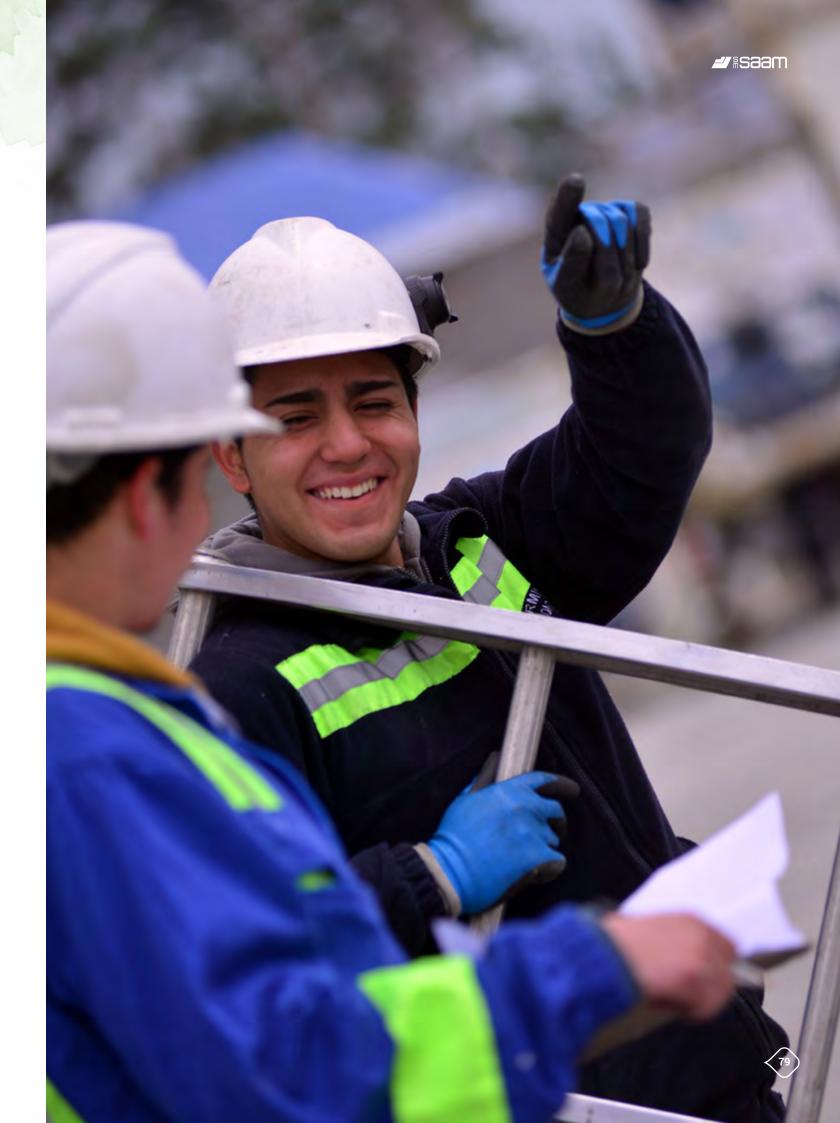
> The 2016 survey registered 70% engagement, which was 10% higher than the international benchmark established by over 300 large firms<sup>40</sup>.

Managing engagement is related to the other three pillars of human resource management and includes measuring communication characteristics, work and safety promoting a commitment to inclusiveness that involves conditions, professional development opportunities, respecting and valuing differences in order to draw on each leadership capacity in the middle levels and joint efforts to improve labor relations.

Voluntary turnover of employees in 2016 was 5.1%, which complete control over all of its companies. As such, it can be understood as a sign of overall satisfaction. Total



<sup>&</sup>lt;sup>40</sup> Engagement measurement is applied in all SAAM subsidiaries.



<sup>&</sup>lt;sup>41</sup> Includes employees of SAAM, its subsidiaries and its main associates



#### COMMITTED, TRAINED PEOPLE

Engagement is key for towage customers. They often request engagement survey results. Towage entities have reported 10 to 12 points above the SAAM average, even though their employees work in tight quarters and spend three or more days aboard their vessels. This is achieved through fluid, constant communication and close relationships with management. Employees are hired directly by SAAM and they all have the same benefits.

Thanks to an agreement between SAAM and Universidad Andrés Bello, the company's towage captains and merchant marine students can be trained on Chile's most modern and complete simulators. In 2016, two simulation rooms were equipped with technology that allows them to practice port maneuvers in different scenarios and weather conditions, achieving realistic interaction and analysis of the behavior of the forces involved.

In regard to gender diversity, SAAM has 1,314 female employees, which is equivalent to 11.6% of its staff. The average base salary for women is between 96% and 97% that of men at the same compensation level. (The levels are 97% at the executive level, 96% among professionals, supervisors, administrative professionals and technicians, and 97% in operations and storage) 42. The company has successful experiences incorporating women into non-traditional roles (see

#### FEMALE HEAVY MACHINERY OPERATORS AT LOUIQUE TERMINAL INTERNACIONAL

After participating in a training program for heavy equipment operations, two female employees were tested to operate front loaders inside the maritime terminal. Both come from port families and are proud of their work and achievements.

Karol Mora (29) and Mónica Zúñiga (33) state that they diligently prepared to take on this challenge and were grateful for the opportunity to break down barriers by contributing to the company in a position that women traditionally have not held.

#### LABOR CONDITIONS

operations use more advanced technology than heavy employees in the corporate offices in Santiago will work in labor. SAAM group companies are constantly improving LEED certified offices. The building is in the A+ category, the conditions that affect their employees' job conditions meaning that it is eco-efficient in the use of energy, and quality. Based on the context of each company water, materials and waste management. The quality and business, this includes improving work schedules of the interior and the space in which the building and and shift systems, improving facilities and tools and its surroundings are located (close to public transport, enhancing safety.

In 2016, SAAM Chile's quality of life program was launched. It included a nutritional evaluation for each In regard to safety, the risk prevention program helped employee, visits to tugs to prepare healthy lunches and break sessions involving gym workouts, jogging, laughter 2015. See p. 85 for more information on occupational therapy and massages. In 2017, the first version of the health and safety. labor/personal life quality and balance program will be held in Gertil, Uruguay. SAAM Smit Towage Canada Other benefits offered in some companies in order to motivate employees.

In regard to the work environment, in 2016 the towage advising services for legal and health matters.

Today a large number of port and towage terminal fleet renewal plan was completed and beginning in 2017 parks and services) translates into a more attractive and pleasant work environment.

reduce the frequency of accidents at SAAM by 19,3% over

will launch a healthy eating program and 10km race to improve job quality include guided tours of the facilities for families, support for employee athletic activities, support for employees affected by natural disasters, and







#### IMPROVEMENTS TO TOW FACILITIES AND CONDITIONS

Towage employees work amid gorgeous landscapes but their shifts involve spending several days in a row in close quarters on a vessel. The fleet renewal effort, which introduced 20 next-generation vessels over a period of four years, presents direct benefits in terms of improved conditions, safety and comfort for our employees.

#### SAFER, MORE COMFORTABLE UNIFORMS FOR PORT WORKERS

In 2015, we began to work with the Universidad Católica School of Design to develop work clothes. The goal was to design uniforms that reflected pride in being part of the company and were appropriate for the work that our port employees carry out. Tests were conducted in each Chilean port to create an exclusive design that was tailored to the reality of the port made out of modern, smart materials that offer comfort and safety. The new uniforms will be distributed in 2017.

#### TALENT AND LEADERSHIP MANAGEMENT

SAAM has a highly capable, experienced team that is dedicated to its business. In order to continue to strengthen this team, the talent management program was launched in 2016 to identify and develop people with greater potential for taking on leadership positions.

In addition, the annual training program on technical and soft skills was implemented in order to address the needs of both companies and employees. The goal is to improve the knowledge of each employee in his or her current position, which promotes development with an eye to earn promotions, contributes to the creation of leaders and boosts productivity.

During 2016, a total of 231,770 hours was dedicated to training with a total investment of US\$1,183,922, which is equivalent to 34.7 hours and US\$177 invested per employee43.

In 2016, the corporate focus for training was occupational safety and personal care, highlighting the participation of leaders and supervisors as agents of change and facilitators of a commitment to this type of effort. The divisions conducted a series of training activities to promote safer and more efficient performance of duties (see p. 88). In addition, the seventh version of the

Academy for Lead Supervisors was held with a focus on safety, and leaders and joint committees were trained on incident investigation methodology.

**HOURS INVESTED** 

**IN TRAINING** 

Interpersonal connections and teams are the main strength within the company. Under that premise, our corporate offices and Logistics Division worked to develop soft skills and leadership during 2016 to strengthen teams and reinforce cooperative behavior in meeting objectives. Coaching processes also were implemented in order to strengthen leadership. Leadership training events were held in port terminals in order to achieve continuous improvement, strengthening the skills necessary to manage the terminal improvement programs, such as teamwork, facilitating leadership, dispute resolution, results-based work, motivation and confidence.

In addition, the Logistics Division worked on the Labor Skills Certification program and an employability program.

BUILDING **MUTUALLY BENEFICIAL RELATIONSHIPS WITH OUR EMPLOYEES IS A PRIORITY** 

## LABOR RELATIONS

#### LABOR CONTEXT

Several countries in which SAAM does business are in force for two, three and up to four years. implementing labor reforms that present new challenges for labor relations. For example, in 2016 Ecuador launched reforms to the Internships Law in the Business Sector and the Labor Code and increased the minimum wage. In Chile, a new labor law was passed, which will go into effect during 2017.

#### LABOR RELATIONS MANAGEMENT

SAAM works to build long-term labor relations with its employees, the organizations that represent them and the officials that protect their wellbeing through dialogue and seeking out agreements. In 2014, a milestone was reached with the Modern Labor Relations Certificate Program, which was completed by leaders and executives from each Chilean port. In 2015, the Labor Relations Strategy was implemented by the Corporate Human Resources Management Division.

In 2016, the company continued to make strides in developing these relationships, focusing on guaranteeing employee safety and quality of life on the job, mutual cooperation, ongoing improvement of performance and benefits for employees. This protected operational continuity, which is essential to competitiveness in the industry. The exception was the legal strike that took place during the collective bargaining process at San Antonio Terminal Internacional (STI).

SAAM also began to prepare for the implementation of the labor reform that will go into effect in Chile in April 2017. It trained executives and human resources managers for this transition.

#### FREEDOM OF ASSOCIATION44

SAAM promotes freedom of association, and 56% of its employees are linked to one of the 67 unions at the company or inter-company unions (in the cases of Uruguay and Canada). As a result, 28% of the company's employees are covered by a collective bargaining agreement.

Collective bargaining agreements are negotiated in each company according to each country's legislation. In 2016, 14 collective bargaining negotiations were carried out that culminated in the signing of agreements benefitting a total of 1,029 employees. These agreements will remain

**OF EMPLOYEES ARE** PART OF A UNION.



<sup>&</sup>lt;sup>44</sup> The data on unionization and collective bargaining differ from those in the report because they only consider SAAM, its subsidiaries and its main associates. It does not include the companies SAAM Smit Brasil, Tisur (Peru), TPA, Puerto Buenavista (Colombia) or Tramarsa (Peru).





#### UILDING MUTUALLY BENEFICIAL RELATIONSHIPS

The group is committed to promoting clear, effective and direct communication at all levels of the organization. That implies involving all employees in decision-making processes in their areas and promoting open communication to produce a participatory and collaborative work environment.

In order to cement constructive labor relations, the companies employ a series of formal spaces and channels that allow them to communicate with their employees. These include the annual report, meetings and videoconferences, suggestion boxes, grievance hotline, press releases, website, surveys and study on commitment, Intranet, blogs, internal newsletters, social media, workshops, shareholder meetings, dialogue with joint committees, direct line with human resources and bulletin boards.

#### DIALOGUES

The best example of the vision of modern labor relations between employees, union leaders, managers and SAAM leadership are the Dialogues held at the Antofagasta, Iquique, San Antonio and San Vicente terminals. These events allow employees to share their concerns, receive timely responses and proactively solve potential conflicts in a context of mutual respect that complies with the terms of contracts and current legislation.

Important progress has been made in four areas of work around the methodology of social dialogue that establishes the foundations for the transparency and validity of the process:

- Occupational health and safety
- Productivity
- Quality of life and compensation
- Development of the company

 $These \ panels \ currently \ meet \ periodically \ at \ SAAM \ Chile \ port \ terminals \ and \ will \ begin \ to \ be \ replicated \ in \ other \ countries.$ 

# HEALTH AND SAFETY

Safety is one of SAAM's five values and is therefore addressed in a systematic and preventative manner. A Corporate Management Unit was created in this area in 2016. Its role is to guarantee safety and it reports to SAAM's Human Resources Management Division.

The industrial operations in which SAAM does business present potential risks. Port and towage activities are conducted in a marine environment with exposure to different weather conditions and moving equipment and elements—ships, cargo, ropes, moorings, cables, etc.—that must be handled with due caution in order to prevent accidents.

SAFETY COMES FIRST AND IS A VALUE THAT WE WILL NOT COMPROMISE.

#### STRATEGIC MANAGEMENT OF OCCUPATIONAL HEALTH AND SAFETY

Within the framework of an Occupational Health and Safety Management System, in 2015 the group addressed a strategic approach to safety with a greater focus on prevention. In 2016, it published a policy that applies to all of the companies and is complemented by tools that allow them to make this vision tangible by tracking performance with key indicators, implementing management actions that mark leadership in these areas and monitoring processes.

In 2016 a safety strategy was designed on the basis of three axes:

- Management systems as part of the processes of all Group companies
- Industrial safety and ongoing improvement
- Human behavior



# POLÍTICA DE SEGURIDAD Y SALUD OCUPACIONAL SAAM Safety is an essential value for SAAM that must be present in all operations and in which compliance with the following principles is fundamental: • We recognize respect for life and protection of people. • We prevent on-the-job injuries and illnesses through adequate risk control and identification and evaluation of hazards. We take steps to avoid incidents, especially those that may be serious or fatal. We meet legal requirements. • We promote the active participation of all employees and suppliers and promote leadership in creating a culture of safety. · We persevere in efforts to continuously improve the performance of the Occupational Health and Safety Management System. The policy was published in June 2016. The extended version is available at http://www.saam.com/en/sostenibilidad/policies/

#### CERTIFICATION AND AUDITING

Safety is handled through a management system certified under OHSAS 18001<sup>45</sup>. While the OHSAS 18001 system is not implemented in all businesses, we are working towards that.

The results in the key safety indicators are connected to performance bonuses.

This issue is audited annually by SAAM corporate management, with special focus on critical businesses.

#### IMPROVEMENT PLANS

Occupational health and safety issues have been addressed from the corporate level, aligning and supporting the programs implemented by each company. In 2016, management, operations oversight and occupational health initiatives were focus areas (see inset).

The strategy implemented allowed for a decrease in the number of accidents that occurred in the Group's companies. There were no fatalities among employees and contractors in 2016. The frequency index for SAAM employees decreased by 19.3% from 16.6 in 2015 to 13.4 in 2016. Port terminal indexes dropped by 24%, 15% in towage and 18% in logistics.

# SAAM BEST PRACTICES IN OPERATIONAL HEALTH AND SAFETY

#### MANAGEMENT PERFORMANCE

#### Management review of progress in health and safety issues.

- Management tour to observe the progress made and areas to be improved.
- Daily meetings with managers from each company.

### OPERATIONAL CONTROL

- improved. implementation of control measures improved. (hard barriers).

  Management of care, including training
  - programs on these topics.
    Preventative safety observations (PSO).
  - Preventative safety inspections (PSI).
     Prevention program for contractor companies Incident reporting and monitoring.

#### OCCUPATIONAL HEALTH

- Occupational Hygiene and Health Program including programs to monitor progress.
   Programs for monitoring
- personnel exposed to occupational hygiene and health risks.
- Compliance with occupational health regulations.

<sup>&</sup>lt;sup>45</sup> The Iquique and Peru port terminals are certified under OHSAS 18001. In regard to Logistics, SAAM has certification for the ENAP maintenance and connection contract in Quintero. The following towage operations are also certified: Brazil, Canada, Mexico, Panama and Peru.

SAAM ACCIDEN	IT RATE <sup>46</sup>	
	2015	2016
Fatalities among employees and contractors	2	0
Frequency index <sup>47</sup> for employees	16.6	13.4



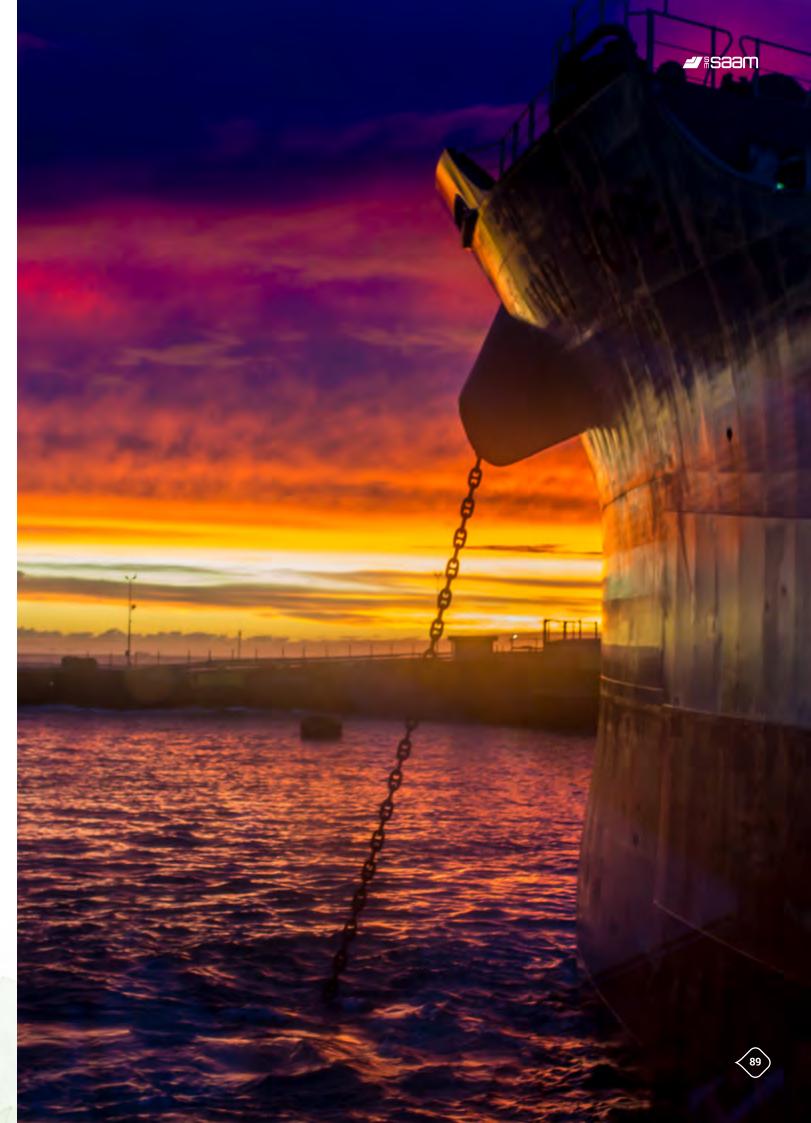
#### SAFETY TRAINING

Various programs focused on leadership training and specific issues related to the various sites (see inset) were implemented in 2016, focusing on activities with higher numbers of incidents. The leadership programs related to safety included lead supervisor courses, a Certificate Program in Safety for CEOs and Safety Seminars for CEOs. General training was also provided on the incident investigation methodology.

#### TRAINING IN TERMINALS AND PORTS TO BE INSTRUCTORS OF LASHING AND RELEASE OF CONTAINERS

The objective is to transfer techniques, skills and safe behaviors related to lashing and release of containers to a group of employees who will serve as instructors. They will be responsible for transferring the knowledge and practice that they have acquired to handlers and longshoremen. Container lashing and release operations have resulted in a significant number of incidents. These decreased from 49 accidents in 2012 to 13 in 2016.







# SUMMARIZED SUSTAINABILITY PERFORMANCE

INDICATOR	BASIS OF CALCULATION	2014	2015	2016
FINANCIAL PERFORMANCE				
Sales <sup>49</sup>	MUS\$	775	750	717
EBITDA	MUS\$	185	202	205
Market capitalization	MUS\$	756	616	749
Tons transferred <sup>50</sup>	Millions.	30.6	31.7	38.5
GOVERNANCE AND ETHICS				
BOARD OF DIRECTORS (SM SAAM S.A.)				
Independent directors	Number of independent directors.	-	2	2
Directors	Number of directors.	-	0	0
Executive directors	Number of directors that hold executive offices.	-	0	0
Attendance at board meetings	Percent attendance at board meetings.	-	95%	93%
CODE OF ETHICS				
Employee coverage	Number of employees covered as of December 31st.	-	1,658	2,136
Subsidiary coverage	Number of subsidiaries covered as of December 31st.	-	14	12
Grievances received	Total number of grievances received during the year.	-	1	7
Grievances resolved	Percent of grievances resolved versus total received.	-	100%	100%51
Incidents of discrimination	Total number of incidents of discrimination.	-	0	0
COMPLIANCE				
Fines and sanctions	ThUS\$ Monetary value of fines and sanctions for non-compliance with laws and regulations.	-	-	236.3
COVERAGE OF CERTIFICATIONS (ONLY CH	HILE)			
ISO 9001 <sup>52</sup>	Percent coverage with respect to total operations certified through external assurance.	-	100%	100%
OHSAS 18001 <sup>53</sup>	Percent coverage with respect to total operations certified through external assurance.	-	10%	10%
ECONOMIC				
DISTRIBUTION OF VALUE GENERATED				
Income operational	MUS\$	-	757.92	719.35
Economic value distributed	MUS\$	-	639.65	609.76
Economic value retained	MUS\$	-	118.27	109.59
SUPPLY CHAIN				
Labor Compliance	Percent of contractors where labor compliance is monitored.	-	-	100%

<sup>&</sup>lt;sup>49</sup> Figures for SM SAAM's consolidated subsidiaries and equity-method associates.

<sup>53</sup> At SAAM S.A. in Chile, the following is certified: The contract between Logística Chile and ENAP QTV and the ITI port terminal.



<sup>&</sup>lt;sup>50</sup> Includes 100% of volumes for subsidiaries and associates.

<sup>&</sup>lt;sup>51</sup> In 2016, all seven grievances received were analyzed and finally dismissed since they lacked grounds and/or sufficient information to determine their accuracy.

<sup>&</sup>lt;sup>52</sup> At SAAM S.A. in Chile, the following is certified: Chile's logistics and towage services divisions and four port terminals (ATI, ITI, STI, SVTI).



INDICATOR	BASIS OF CALCULATION	2014	2015	2016
THE COMMUNITY				
ALIGNED URBAN INTEGRATION				
Response to questions and suggestions	Percent of questions and suggestions received through the webpage that were responded to within 48 hours	-	-	100%
Social incidents	Number of social incidents that took place during the year that may affect the company's reputation and/or reach communication media	-	37	10
CONTRIBUTION TO LOCAL DEVELOPMENT				
Social investment	US\$ invested in social projects and initiatives	-	-	564,032
Local suppliers	Number of suppliers located in the same region where the company operates	-	-	16,000
Purchases from local suppliers	MUS\$	-	-	199
Local employees	Percent of employees that reside in the same region where the company operates	-	-	82%
THE ENVIRONMENT				
ENVIRONMENTAL INCIDENTS AND SANCTION	S			
ncidents with environmental impact	Number of operational incidents with environmental impact	-	-	0
Environmental fines	Number of significant fines Significant fines = more than US\$ 10,000	-	-	0
Amount of environmental fines	Fines levied by SMA and sector authorities in ThUS\$ during the year. Significant fines = more than US\$ 10,000	-	-	0
NATER				
Total water consumption⁵⁴	Thousands of m <sup>3</sup>	-	100,257	193,848
ENERGY				
Electric power consumed	MWh	-	3,246,879	3,672,71
Cost of electric power consumed	MUS\$	-	1.4	1.2
GREENHOUSE GAS EMISSIONS				
Total direct GHG emissions scope 1) 55	Tons of metric CO₂ equivalents	20,591	32,341	18,489
ABOR PERFORMANCE				
EMPLOYMENT AND DIVERSITY				
Employees	Total employees as of December 31st	10,697	10,527	11,340
emale employees	Percentage of total employees	-	13.3%	11.6%
Nomen in management position	Percentage of total management	-	-	10.5
Nomen in middle management	Percentage of total middle management	-	-	16.4
Vomen in senior management	Percentage of total senior management, maximum			9.1%

<sup>54</sup> This includes the port terminals in the United States, Peru, San	
Vicente, Iquique and Antofagasta. Towage subsidiaries: Ecuador,	
Guatemala and Costa Rica. Logistics including Aerosan.	

<sup>&</sup>lt;sup>55</sup> The GHG emissions indicator has been measured for SAAM's port terminals with different scopes each year. 2014: Antofagasta, Iquique, San Antonio, San Vicente and Canada. 2015: Arica, San Antonio, San Vicente and Canada. 2016: San Vicente and Canada.

NDICATOR	BASIS OF CALCULATION	2014	2015	2016
ABOR PERFORMANCE				
AGE RANGE		7		
mployees under 30 years of age	As of December 31st	-	846	911
mployees between 30 and 60 years of age	As of December 31st	-	9,261	9,977
Employees over 60 years of age	As of December 31st	-	420	452
IATIONALITY				
Chilean employees	Number of Chilean employees	-	5,314	6,053
Employees from other countries	Number of employees of other nationalities	-	5,213	5,287
RAINING				
Average training hours	Average training and development hours, per employee	-	-	34.7
nvestment in training	ThUS\$ invested in training	-	-	1,184
overage investment in training	USS invested in training, per employee	-	-	177
ABOR RELATIONS <sup>56</sup>				
Number of unions	As of December 31st	-	-	67
Jnionization	Percent of unionized employees as of December 31st	-	56%	56%
Strikes	Number of legal strikes during the year		2	1
NVESTMENT IN HUMAN CAPITAL				
Return on investment in human sapital <sup>51</sup>	Revenue less operating costs over total expenses for wages and benefits	-	232%	218%
CCIDENT RATES	0.30			(C)
atalities (company and contractors)	Number of fatalities during the year, including company employees and contractors	9	2	0
requency index (only company mployees)	Number of lost-time accidents during the year, per one million hours worked	1-	16,6	13,4
requency index (company employees and contractors)	Number of lost-time accidents during the year, per one million hours worked	-	22,9	18
everity index	Days lost per one million hours worked. Includes serious accidents and fatalities.	- /	499.5	894.8
imployees represented on formal ygiene and safety committees	Percent		100%	100%



<sup>&</sup>lt;sup>56</sup> Data on labor relations differs from the annual report because it only includes SAAM, its subsidiaries and its main associates. Excludes SAAM Smit Brasil, Tisur, TPA, Puerto Buenavista and Tramarsa.



# TOPICS OF GREATEST IMPORTANCE

In order to identify the topics of greatest importance to disclose in this report, SAAM carried out a formal process that involved the Chief Executive Officer and all corporate divisions.

The first step was to identify the important matters from the following perspectives:

- 1. **Internal perspective:** interviews with the company's senior management and matters that arise from business priorities, the Sustainability Policy and the risk matrix.
- 2. **External perspective:** matters related to standard 385 on corporate governance and DJSI Chile, and the main topics appearing in the media on SAAM and the port and logistics sector.

The issues identified were analyzed in a workshop with SAAM's senior management. This workshop helped determine the reporting topics of greatest importance, the target audiences and the key messages to communicate.

The topics of greatest importance were:

## THE COMPANY AND ITS STRATEGY

- Challenges and Development Strategy
- Sustainability Priorities

## THE COMMUNITY

- Aligned Urban Integration
- Contribution to Local Development

## GOVERNANCE AND ETHICS

- Corporate Governance
- Ethics and Compliance
- Risk Management
- Stakeholder Engagement

# THE ENVIRONMENT

- Environmental Management
- Safeguarding Against Environmental Impacts
- Climate Change

## **ECONOMIC IMPACT**

- •Strategic Role in the Development of Countries Where It Operates
- Customer Relations
- Supply Chain Sustainability

# LABOR PERFORMANCEL

- Job Quality
- Labor Relations
- Health and Safety

# GRI-G4 CONTENT INDEX, ESSENTIAL OPTION

Sustainability Report 2016 - SAAM.

	GENERAL BASIC CONTENTS
DMA AND INDICATORS	PAGE NUMBER (OR LINK)
STRATEGY AND ANALYSIS	
G4-1	5
G4-2	12, 28, 34, 42, 43, 54, 55, 60, 61, 66, 67
PROFILE OF THE ORGANIZATION	
G4-3	6
G4-4	6
G4-5	The main company is located in the city of Santiago; Chile
G4-6	6, 7
G4-7	10
G4-8	6, 12, 13
G4-9	12, 13, 91-93
G4-10	13, 78, 92, 93
G4-11	83, 93
G4-12	14
G4-13	See Annual Report 2016 (p. 16, 17, 30, 31, 40, 41, 52, 53) available in www.saam.com
G4-14	SAAM's Sustainability Policy cautions the application of the approach as part of the Company's actions.
G4-15	In the elaboration of the Sustainability Policy and the second diagnosis in the matter, SAAM considered the guidelines of ISO 26,000, Dow Jones Sustainability Index (DJSI) and Global Reporting Initiative (GRI)
G4-16	39
MATERIAL ASPECTS AND COVER	RAGE
G4-17	The report includes the company's corporate management and operations in its three business divisions: Port Terminals, Tugboats and Logistics.
G4-18	Lap 1
G4-19	94
G4-20	99
G4-21	99
G4-22	Does not apply. This is the first report prepared by SAAM.
G4-23	Does not apply. This is the first report prepared by SAAM.
PARTICIPATION OF STAKEHOLDI	ERS.
G4-24	36, 37
G4-25	36
G4-26	37
G4-27	20, 21, 94





# GRI-G4 CONTENT INDEX, ESSENTIAL OPTION

Sustainability Report 2016 - SAAM.

	GENERAL BASIC CONTENTS
DMA AND INDICATORS	PAGE NUMBER (OR LINK)
MEMORY PROFILE	
G4-28	Lap 1
G4-29	Does not apply. This is the first report prepared by SAAM.
G4-30	The Company expects to publish it annually.
G4-31	Lap 1, 95
G4-32	Lap 1
G4-33	This report has not been externally verified
GOVERNMENT	
G4-34	26
G4-35	27
G4-36	27
G4-38	26, 91. Annual Report 2016 SAAM (p. 20, 21, 64)
G4-39	The Chairman of the Board of Directors does not hold executive positions in the Company
G4-41	The guidelines for avoiding conflicts of interest are contained in the SAAM Code of Ethics, available at www.saam.com
G4-42	29
G4-45	26, 34
G4-46	34
ETHICS AND INTEGRITY	
G4-56	10, 23
G4-57	29, 31
G4-58	29, 31

# GRI-G4 CONTENT INDEX, ESSENTIAL OPTION

Sustainability Report 2016 - SAAM.

		SPECIFIC BASIC CONTENTS	
	DMA AND INDICATORS	PAGE NUMBER (OR LINK)	
	Challenges and development strategy		
<b>&gt;</b> >	Management Approach	18, 19	
The company and its strategy	Priorities in sustainability		
Con an stra	Management Approach	20, 21, 23	
	Corporate Governance		
	Management Approach	26, 27	
	Ethics and Compliance		
S	Management Approach	29, 33	
	G4-EN29	92	
nd E	G4-HR3	91	
nt a	G4-S04	30	
Government and Ethics	G4-S08	91	
Veri	Risk management		
<b>G</b> 0	Management Approach	34	
	Stakeholders Relations		
	Management Approach	36	
	Strategic role in the development of cour	tries	
	Management Approach	41-43	
	G4-EC1	44-46, 91	
ب	G4-EC8	42-43	
Economic impact	Clients Relations		
.≝	Management Approach	47-48	
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Coverage of each material aspect inside and outside the organization.

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AMBII	SUBJECT		INSIDE OF SAAM	AAM		MAKGTOTURE
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	Corporate governance	•				
	Ethics and Compliance	•	•	•	•	•(contractors)
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VEINIMANOS	urban intergration armony		<b>*</b>		•	
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ENVIRONMENT	Impact protection environmental	•	<b>*</b>	•	•	<ul><li>(contractors / suppliers of service)</li></ul>
	Climate change	•	•	•	•	
	Quality of employment	•	•	•	•	
LABOR	Labor relations	•	•	•	•	<ul><li>(contractors / suppliers of service)</li></ul>
	Health and safety	•	•	<b>*</b>	•	<ul><li>(contractors / suppliers of service)</li></ul>

