

06



SUSTAINABILITY AND ENVIRONMENTAL MANAGEMENT

CHAPTER 6

SUSTAINABILITY



6.1 Sustainability Strategy

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Over the years, and following the guidelines established by the Sigdo Koppers Group, Puerto Ventanas has consolidated a Sustainability Strategy that simultaneously addresses socio-environmental aspects, safety, quality and the constant need for innovation. This strategy is based on maintaining a commitment between social, environmental and economic development, while promoting an efficient, safe and strong operation

linked to the community in which its workers are protagonists. Among the objectives that govern the strategy are the safety and health of its workers, the preservation of the environment, operational excellence and the construction of long-term relationships with its main stakeholders.

In this context, the company has developed an investment and growth plan that involves the modernization of facilities, the expansion of its capacities and the continuous improvement of processes. This approach has been fundamental to consolidate the company's position as a leader in the port sector, both nationally and internationally.

KEY ASPECTS OF THE SUSTAINABLE MANAGEMENT MODEL



Persons

At Puerto Ventanas SA, we prioritize the well-being and safety of our employees and their families.

We are committed to creating risk-free work environments, encouraging self-care and promoting a culture of occupational health and safety. We also recognize the contribution of each employee, whose commitment and excellence contribute to our success and the success of the company. projection of our company in the industry port.



The year 2023 was marked by the consolidation of integration between Puerto Ventanas SA and the Aconcagua SA Maritime Agency, which began in October 2022. This anticipated process allowed us to address the challenge of reconstruction and operational continuity, with an agile team. , cohesive and versatile in different scenarios. This synergy opens new opportunities and enhances the company's effectiveness, thanks to teams that combine and add their skills with an approach focused on flexibility.

6.2.1 Staffing

To achieve this, we provide opportunities aimed at professional and personal growth, providing tools and creating spaces for innovation and continuous improvement in our processes, safety and culture of care for the environment. All of this in line with our non-discrimination policy and the firm purpose of promoting the comprehensive development of our collaborators.

Puerto Ventanas SA is made up of 457 workers, of which 433 are men and 24 are women. Of them, 80% belong to existing unions. As of December 31, 2023, the consolidated company, including the collaborators of Puerto Ventanas SA and the Agencia Marítima Aconcagua SA, is distributed as follows:

Total PVSA collaborators 2023	Endowment
Managers and executives main	11
Professionals and technicians	44
Workers, operators and auxiliaries	402
Total	457

At Puerto Ventanas SA, we value the importance of maintaining an open and transparent relationship with our unions, since this allows us to be in tune with the needs of our collaborators. Over time, we have built solid and continuous communication, which encourages the active participation of our collaborators and leaders.

Through working groups and multidisciplinary teams, we seek to advance the implementation of good practices and opportunities for improvement in our workspace. Particularly in 2023, 80% of our workers were unionized, which is equivalent to 365 workers. This high rate of unionization reflects our transparency and commitment to dialogue and collaboration with our teams.

On the other hand, in May 2023, Puerto Ventanas SA participated in the IDC General Assembly of Latin America and the Caribbean held in Puchuncaví, bringing together delegations representing the International Dockworkers Council (IDC), a union federation. made up of worker organizations from around the world. The activity brought together more than 150 workers and aimed to address strategic issues to continue advancing labor improvements in the sector.

During the year 2023, the appointment protocol was signed, which was formalized in a document in order to ensure transparency, objectivity and efficiency when making appointments to the different specialties and operations during each work shift. This initiative was possible thanks to the collaboration of the PVSA unions and their leaders.

As part of the process of improving relationships and bonding with the port's union organizations, and understanding that to successfully face the new context of our operations, the highest levels of understanding and cooperation are required among all those who are part of Puerto Ventanas. During 2023, the position Head of Labor Relations was created. The position, in coordination and permanent communication with bosses and management of all areas of the Port, will ensure compliance with labor regulations and will promote all those aspects that contribute to developing sustained relationships in dialogue, trust, transparency and collaboration, resulting in a work space that reflects the satisfaction and commitment of the people who are part of PVSA.



Among the main benefits that the company delivers include:

6.2.3 Quality of Work Life

The relationship with collaborators is framed in a bonding policy that offers permanent support to workers, also extended to their families, with the objective of preventing any health problems or other difficulties. In addition, the company recognizes and highlights those employees who strive to continually improve, thus promoting a positive work environment and encouraging the personal and professional development of their team.

- **health agreement** which ensures emergency care in the main clinics of the Fifth Region, benefiting more than 1,200 people, including collaborators and their families.
- **Support for collaborators** through scholarships and loans that seek to provide economic and professional support allowing them to develop their life projects. An example of this is the Wellbeing Loan Program, which consists of soft, interest-free loans intended for workers, in order to help them in their personal initiatives.
- **Protection and quality of life** through insurance Life and Health that includes catastrophic coverage for illnesses or accidents that involve high-cost treatments, as well as complementary dental coverage with above-market benefits.
- **Preventive health program** with one of the main clinics in the Fifth Region that allows a complete evaluation of the health status of collaborators.
- **Emergency care agreements** with Bupa Clinic Reñaca, Ciudad del Mar Clinic, Children's Hospital and IST.
- **School support scholarships**
- **Transport system** internal system that allows staff to be transported to and from their homes during 24 hours with certified security standards by the company for the well-being and comfort of its workers.
- **Activities and operations** for health care of our collaborators and their families.



6.2.4 Salary Equity by Gender

In Puerto Ventanas SA, the remunerations are based on objective criteria such as skills, experience, performance and responsibility in the position, without discrimination based on gender or other variables. The company guarantees a fair and equitable salary policy for all its employees, promoting equal opportunities at all levels of the organization.

6.2.5 Postnatal Leave

During 2023, there was only one collaborator who made use of her postnatal leave, as indicated in the following table:

Parental leave	Total employees:			Breakdown by sex:		
	% of employees	no. employees	% of women	no. women	% of men	no. men
Employee parental leave:						
Right to parental leave	%	413		1	0%	0
They took parental leave (about who have parental rights)	100%	1	100%	1	0%	0
They returned to work in 2023 after end parental leave (on those took parental leave)	100%	1	100%	1	0%	0
They returned to work after finishing parental leave and were still employees 12 months after returning to work (on those who took advantage of the parental leave)	100%	1	100%	1	0%	0



6.2.6 Training and Benefits

Puerto Ventanas SA has a development strategy that prioritizes the continuous growth of its team, with the objective of moving together towards the consolidation of a sustainable, competitive and highly efficient port. Within the framework of diversification and adaptation to new loads, as well as in the constant search for operational excellence, appropriate opportunities are offered for the professional and personal development of collaborators. Thus, the company provides tools and promotes spaces for the contribution of innovative ideas aimed at improving port processes and security.

During 2023, more than 26,000 man-hours were invested in the training of our workers in different topics, reaching 81% of the total workforce at Puerto Ventanas.

Among the main activities carried out, the following stand out:

1) Training for Safe Operation:

In January 2023, safety training was conducted to retrain employees on procedures related to unloading coal and loading concentrate, as part of the important operational continuity contingency plan implemented after the 2022 fire. A total of 154 workers participated in this session led by the prevention and environment area.



2) Meeting opportunities for operational improvements:

In February 2023, a strategic meeting was held on operational improvement opportunities, in which representatives from key areas such as operations, environment, risk prevention and security participated. The main objective of this meeting was to advance the continuous improvement of processes, in line with the established operational contingency plan. In addition, we sought to collect ideas to improve productivity and reinforce standards of environmental care and worker safety.

3) Fork Crane Course:

In June 2023, training was carried out for 28 workers in the operations area, with the objective of providing employees with the necessary skills and knowledge to safely and efficiently operate the forklifts, strengthening thus the standards of safety and performance in the workplace. This initiative included the implementation of two theoretical and practical courses.

4) Turbels and Lubricants Training:

In November 2023, training was carried out for the crane team, focused on the management of turbines and lubricants. This initiative included the implementation of two specific courses designed to provide workers with the necessary knowledge on the proper use of these elements.

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Application of techniques and tools for project management	Recognize, identify and apply the types of management in accordance with the work protocols of the Organization, the management life cycles, in accordance with the work protocols of the Organization, the types of work roles according to the appropriate hierarchical procedures. Prepare evaluation tools in accordance with the Organization's protocols. Acquire schedule design techniques in accordance with the Organization's protocols.	Infrastructure and Reliability	4
Leadership techniques in work teams	Understand the importance of changing from the "Supervisor-Boss" model to that of "Empowering Leader", guaranteeing from this new approach that the team achieves: better results, harmony in the work environment and development of the people under their charge.	Maintenance	2
Manual arc welding techniques, tig, mig, mag.	Identify elements and methods of electromechanical maintenance in mining equipment and machinery, considering safety standards.	EEMM Operations	4
Familiarization with dangerous goods, level 1 and 2	Identify the types of Dangerous Goods, Explain the national and international regulations that regulate the transport and handling of dangerous goods; the characteristics and risks of handling dangerous goods, Determine the appropriate packaging, Select and explain the safe means of transport.	ship operators	28

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Fundamentals for interpreting Maritime-Port documentation - Technical English	Facilitate knowledge of the technical particularities of the English language, applied to maritime transport, logistics operations and port business.	Operations	3
Handling of lifting accessories and load handling	Recognize dangers and risks associated with lifting loads, their causes and prevention and control mechanisms. Identify the general fundamentals of lifting loads. Examine the types, characteristics and uses of the main elements of a lifting system. Analyze concepts related to the movement of loads. Apply sign nomenclature for lifting maneuvers. Operate a lifting system according to safe work procedures.	Maintenance, Infrastructure, Reliability and strong operations	34
Internal audit techniques for environmental management systems ISO 14001	Train people as lead auditors of a group of management systems auditors to lead internal and external audit processes in different types of organizations.	Environment	1
Crane coursepantographic	Recognize the scopelegal that regulates these operations, ensuring compliance withall current regulations. Additionally, acquire fundamental skills in the system signaling, allowing you to coordinate and communicate effectively during the handling and lifting of loads, thus optimizing the productivityand safety in the workplace.	Operations	21
Acquire the English language Level A1 Inhome Modality Module 1A	It allows you to manage lexical-grammatical elements and essential linguistic functions.	Operations	1

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Integrity and Corrosion Congress and Fair	Know the latest technologies and good practices in asset integrity, and corrosion prevention and control.	Infrastructure	1
Assist Control	Manage and analyze the entry and exit of collaborators, shift schedules, holidays, among others.	People	2
Documentary (tarja software) - Fruit	Apply techniques for the physical and documentary control of cargo in the port clearance and detention service through the software predetermined by PVSA.	Operations	2
UseHR remunerations - Expert	Preparation of the initial system environment. Manage the employee's file with legal and personal information. Process and generate employee salary settlements. Analysis and implementation of legal reports. Month closing and creation of calculation indices for the new month	People	1
Fork Crane Course	Control of movementsCranefork, lifting maneuvers, transfer and stacking of loads.	Operations, Terminal Costa	42
Communicational English Tools	Control of movementsCranefork, lifting maneuvers, transfer and stacking of loads.	Risks prevention	10
Inspection of maneuvers and discard criteria	Be able to inspect, discard, identify equipment, its capabilities and limitations, as well as its functionality in order to acquire skills to work with accessories under the hook safely and carry out load transfers properly with safety and responsibility.	EEMM Operations	14

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Structure Management of the HR PayRoll system - Expert	Know how the system structure works (Tables). Employee record module. Formulations in the system. Contracts, settlements and certificates.	People	3
Tarja - Fruit	Apply techniques for the physical and documentary control of cargo in the port clearance and detention service.	Operations	18
Anticorrosive Techniques in Metal Equipment and Assets	Allow the professional or responsible technician who is dedicated to design offacilities and equipment or maintenance and integrity of the same can be addressed with fundamentals solid technicians the following topics: Selection of materials, Establishing an appropriate technical specification, Preparation of an inspection plan and monitoring of applications.	Maintenance, Infrastructure and Reliability	13
Operational induction techniques for work in Chilean Ports.	It allows you to acquire the necessary skills to safely carry out tasks within a facility of this type.	New revenue	7
Parts and use of the chainsaw	Identify and apply chainsaw operation and maintenance techniques	Operations	13
Induction Billets	Knowledge of billet operation and maintenance	Operations	117

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Turbeles	Obtain basic knowledge of regulation and parts of turbines and crane brakes	Gruro Operations	11
Congress Pipelines, piping, pumps and valves	Internal and external coatings Best construction practices BIM, experiences from design to construction management Integrity of Ducts Interference from high voltage lines in buried pipes Submarine pipelines and outfalls Pipeline management and management	Maintenance	1
Applied mechanics in the maintenance of machinery and industrial equipment	Develop a machinery maintenance management plan to achieve optimal performance of the production processes of an industry or company.	Operations EEMM, Petcoke Terminal	7
Performance management system: how to set goals?	Design and implement processes in people management for the strategic fulfillment of the company in a systemic manner and oriented towards improvement processes.	All areas of PVSA	45
New performance evaluation and feedback system - Role evaluated	That participants acquire the knowledge, tools and skills required to successfully implement a planning, management and performance control process of staff in the company.	All areas of PVSA	183

Training programs			
Program Name	Description	Public	Number of collaborators benefited
Informative talk Avian Flu	Strengthen capacity for early warning, risk reduction and management of avian influenza outbreaks by building knowledge and skills for detection, prevention and response to avian influenza outbreaks among field technical and veterinary specialists.	All areas of PVSA	43
Congress and Fair of Conveyor Belts.	Present a basic understanding of these transportation equipment, widely used in mining, industry and national ports. Topics are included from its history, evolution, fundamentals, typical applications and examples, to the description of the basic components that make up a belt conveyor	Infrastructure	2
Crane course container ship	Apply techniques for mechanical maintenance of machinery and equipment industrial, according to specifications and safety procedures established by the company.	Operations	19



Adjustments in the operations area operations

During 2023, the restructuring of PVSA's Operations Area, which was restructured in 2022 as a result of the merger with AGMAC , which contemplated the implementation of two new areas within the operations management , key to optimize the performance and coordination of the integrated personnel.

These sub-managements, established to address the challenges arising from new cargoes, customers and the growth of the port, are:



The Dock Operations Deputy Manager, in charge of leading the team dedicated to dock operations and ensuring the effective integration of all workers involved in cargo transfer.



The Terminal Operations Sub-Management, whose main responsibility is to align the criteria and performance of the terminals with the port's strategic objectives.

Both areas work closely together to ensure integrated and efficient management of port operations. and efficient management of port operations. In addition, since 2022, a head of Operational Resources has been appointed, responsible for organizing shifts in the different areas of the port. The role of the ship operator, who now leads the dock and ship teams in the cargo transfer process, has also been redefined. On each shift, a ship operator is maintained to ensure effective coordination with the supervision present at the different dock sites and vessels, thus ensuring the adequate management of risks and and the quality of the services offered. services offered.



6.2.7 Communication external and internal

At Puerto Ventanas S.A., we understand that transparency in our relations with the different stakeholders is fundamental to build and consolidate our reputation. Therefore, we have established a comprehensive communication strategy, both internally and externally, with the aim of reporting relevant milestones to all our stakeholders.

This strategy not only seeks to strengthen ties with our stakeholders, but also to disseminate messages, projects, and actions aimed at improving our operational quality, strengthening collaboration with our employees, and contributing to the well-being of the community. We also strive to share our initiatives in a timely manner, in line with our commitment to be a leading and modern company, concerned with the sustainable development of the community and the creation of opportunities for its inhabitants. This approach becomes even more relevant in a context where the community demands more and more information and where transparency and trust are constantly evaluated and tested.

During the year 2023, Puerto Ventanas S.A. generated more than 120 positive mentions between January and December, mostly related to actions taken towards the community and news that position the port in terms of reputation. Likewise, more than 150 internal publications were disseminated, including news, organizational activities, training, employee testimonials, new projects, among other initiatives.



6.2 Health and security

Puerto Ventanas S.A. seeks to establish a work environment where the health and safety of our employees are a priority. This, with the aim of standing out as a leader in the port industry in this aspect. This commitment is supported by the ISO 45001 certification of Health and Safety Management Systems, a standard that focuses on safeguarding workers and visitors from possible accidents and occupational diseases. In line with this premise, the company implements a training plan that focuses on preventing accidents and providing essential knowledge to employees.

In addition, to monitor the safety of operations, Puerto Ventanas S.A. has implemented a computer system accessible to all workers. This system allows to register incidents and opportunities for improvement in the processes in an agile way. In this way, it facilitates the identification and minimization of risks, as well as the prompt identification and minimization of risks. and minimization of risks, as well as the prompt attention of possible incidents.

During the year 2023, the following activities aimed at strengthening the health and safety of workers

a) Safe Operation Training:

In January 2023, 154 workers participated in safety training to re-instruct them on coal unloading and concentrate loading procedures, as part of the business continuity contingency plan. This instance was led by the prevention and environment area.

b) Risk analysis workshop in retirement and rehabilitation tasks:

In March 2023, a workshop was held to analyze the risks and preventive measures in the works in progress in the section of the boosted system affected by the fire. The stages of dismantling and reconstruction of the affected facilities were presented in order to evaluate and analyze the risks associated with these maneuvers. The Environment, Risk Prevention, Operations, Commercial and Projects areas participated in this event. A specific workshop was also held with the contractors.

c) Safety Certificate for Liquid Bulk Transfer Operation:

In April 2023, after an audit carried out by the multidisciplinary team of the Maritime Authority's multidisciplinary team, PVSA renewed its Operational Safety Certificate. Safety Certificate of Operation of the Maritime Terminal for the transfer of liquid bulk cargo.

d) Psychosocial Evaluation Training:

In April 2023, a training session was held in order to inform, train and sensitize the work teams on the fundamentals, objectives and scope of the "Environmental Occupational Mental Health/SUCESO Assessment" implemented at the end of the same month, as required by the regulatory entity. This instance was led by the IST.



Activities aimed at reinforcing the health and safety of workers



e) SAG Talk on Avian Flu:

During April 2023, held a talk managed by the Environment area, in order to address the most relevant aspects of avian flu. In it, professionals from the regional SAG presented the preventive measures that must be followed to avoid contagion.

f) PPE dispensing machine:

In May 2023 it was installed a modern PPE dispensing machine that allows workers to access personal protective equipment more expeditiously.

g) Psychosocial survey results:

In September 2023, held a meeting with the heads of each area to share the results of the Psychosocial Survey, with the objective of analyzing the main risks and communicating the next actions to be implemented. Puerto Ventanas SA presented a low psychosocial risk and 88% of those surveyed expressed satisfaction with working in the company.

h) Coast guard visit:

In November 2023, Puerto Ventanas SA received a visit from the United States Coast Guard, within the framework of the international Protection program Port (ISPS Code). On the occasion, the audiences tors highlighted the security measures and the company's level of preparation.



6.3 Environmental compliance

Excellence in environmental management is a fundamental pillar in the strategic objectives of Puerto Ventanas S.A., excellence that extends to all processes, operations, business strategies and decisions made by senior management. To guarantee these quality standards, the company rigorously follows the ISO 14001 standard, undergoing an annual recertification that supports a systematic and proactive environmental management.

This approach not only ensures compliance with legal and environmental commitments, but also makes it possible to identify and monitor all obligations, organizing them by area and area of responsibility to guarantee full compliance. In addition, there is constant monitoring of applicable legal requirements in various areas, such as safety, quality, energy efficiency, occupational, environmental and administrative aspects, demonstrating a comprehensive commitment to regulatory compliance and care for the environment.



RCA No. 263/2000 ●
“Puerto Ventanas SA
copper concentrate
warehouse”

RCA No. 229/2004 ●
“Puerto Ventanas SA
copper concentrate
warehouse”

RCA No. 09/2010 ●
“Expansion of Puerto
Ventanas SA copper
concentrate storage
capacity”

RCA No. 249/2014 ●
“Expansion,
improvement and
modernization of the
copper concentrate
shipping system in
Puerto Ventanas SA”

RCA No. 66/2015 ●
“Improvement of storage
conditions for copper
concentrates,
46,000 tons”



INITIATIVES MADE FOR SUSTAINABLE OPERATION

PROMOTE A CULTURE

A. Environment Committee: The PVSA Environmental Committee. Its purpose is to promote environmental responsibility, such as the sustainable management of the port, monitoring and ensuring compliance with the company's environmental policy. The committee also ensures the strengthening of the culture of sustainable operation at all levels of the organization.

6.4 Environmental management

The commitment of Puerto Ventanas SA to the preservation of the environment is manifested in each of the processes it carries out, as well as in the dedication of its employees to fulfill their responsibilities and contribute to the care - environmental do from various perspectives. This commitment positions the company as leaders in its field, meeting the highest industry standards and maintaining a continuous connection with the community.

Through these actions, the company has managed to promote development and improve the quality of life of those around it. Since obtaining Ecoports certification in 2016, becoming the first port in the country to receive it, and its recertification until 2024, Puerto Ventanas SA reaffirms its strategic focus on environmental protection in all its operation, decisions and future growth.

Their functions are:

- Monitor environmental risks and ensure that they are under control.
- Promote awareness among your workers.
- Identify opportunities for new technologies and process improvements aligned with PVSA's environmental policy.
- Strengthen the culture of sustainable and environmentally responsible operations.
- Visible leadership on the ground to identify opportunities and reinforce commitment.
- Formulate proposals for improvement or environmental projects.
- Analyze environmental incidents.

B. World Day Commemoration

On March 22, PVSA held a commemoration for World Water Day in order to reinforce its commitment to the use of resources and care for the environment.

C. International Beach Cleanup Day: in September 2023,

PVSA participated in this activity, carried out in more than 120 countries, with the objective of collecting garbage and solid waste from beaches and identifying the sources of this waste. The activity was organized by Directemar and the Port Captaincy of Quintero.

D. International Meeting of the Port Industry:

During October 2023, PVSA presented its sustainability model and good practices at the international event TOC Americas 2023 held in Panama. This meeting brought together the Port Industry and Container Supply Chain Community in the Americas.

6.5 Climate change

Puerto Ventanas SA's sustainability strategy is focused on addressing the challenges of climate change through initiatives that not only aim to minimize environmental impacts, but also to safeguard natural resources. In this context, the company has made notable progress in aspects such as energy efficiency, reducing the carbon footprint and preserving water, particularly relevant in an area affected by drought. These achievements have been recognized through certifications and awards that underline the company's commitment to sustainable management, demonstrating its alignment with the challenges posed by climate change.

USE OF RENEWABLE ENERGY IN PUERTO VENTANAS SA

Since 2021, at Puerto Ventanas SA all the energy used in its operations comes from certified renewable sources. To achieve this, contracts have been formalized with energy suppliers that guarantee its renewable origin, thus ensuring a supply of green energy for all operational activities. This initiative not only demonstrates the company's firm commitment to sustainability, but also consolidates its position as a pioneer in the adoption of environmentally friendly practices in the Chilean port industry. The Energy Supplier certification confirms that 100% of PVSA's energy consumption comes from renewable sources generated in Chile, supported by certificates validated and granted in accordance with the standards established by "The I-REC Standard".

CERTIFICATIONS AND RECOGNITIONS TO THE SUSTAINABLE MANAGEMENT OF PUERTO VENTANAS S.A.

A. Huella Chile:

In June 2023, Puerto Ventanas S.A. was awarded in the Hue- llaChile Program, under the direction of the Ministry of Environment, for its efforts in measuring and reducing its Carbon Footprint. On this occasion, PVSA was recognized for the HuellaChile Seals of Quantification and Reduction.

B. Carbon Footprint Verification Certificate:

Since 2015 Puerto Ventanas S.A. has been calculating its organizational carbon footprint in its 3 scopes, which is verified by a certifying body. With this information the company develops actions to mitigate greenhouse gas emissions.

C. I-REC Certification - Energy from renewable sources:

In March 2023, PVSA obtained for the second time the International I-REC Certificate, which certifies that 100% of the energy consumed in its facilities comes from renewable energy sources in Chile.

D. EcoPort Certification:

After an exhaustive verification of our operational standards, the ECO-SCL Foundation (based in Holland) awarded the Port the Ecoports seal until 2024, for the fourth consecutive time. This certification, exclusive to ports worldwide, recognizes a sustainable operating model and reflects the commitment of all employees to care for the Port and its environment.



Puerto Ventanas SA is the first port in Chile to receive a certificate APL Blue. Puerto Ventanas SA was recognized with the APL Azul certificate, delivered by the Sustainability and Climate Change Agency, together with the Fundación Chile, after the terminal managed to certify its water footprint. This initiative seeks to contribute to the challenge of caring for water resources and moving towards increasingly efficient and resilient use of water. It should be noted that Puerto Ventanas SA is the first port to certify its water footprint and within the quantification, the company defined its scope and indicators, measuring and verifying its direct footprint and identifying the critical points for its reduction.

Puerto Ventanas SA received the Energy Excellence seal delivered by the Ministry of Energy and the Energy Sustainability Agency: After verifying the performance and efficient use of energy in Puerto Ventanas SA, the Ministry of Energy and the Energy Sustainability Agency, awarded the company the seal of Energy Excellence in the highest "Gold" category, a certificate that recognizes its good performance in energy efficiency and the incorporation of good practices in the use of energy.

G. ISPS International Code Certification (Security for the Protection of port facilities):

In the month of November, Maritime Authority personnel carried out the annual external audit of the ISPS Code at PVSA facilities, which was approved without observations. The ISPS Code is an international certification for the Protection of Ships and Port Facilities that establishes a cooperation framework for the detection of threats and promotes the adoption of relevant preventive measures in the maritime field.

H. Maritime Terminal Operation Safety Certificate - Circular 0-71:

In the month of April, after an audit carried out by a multidisciplinary team from the Directorate of the Maritime Territory and Merchant Mariner renewed its Safety Certificate for the operation of Liquid Bulks.



Esta declaración de redención ha sido preparada para

PUERTO VENTANAS S.A.

por

AES ANDES S.A

confirmando la redención de

3 926.178000

Certificados I-REC, que representan 3 926.178000 MWh de electricidad generada a partir de fuentes renovables.

Esta declaración se refiere a la electricidad consumida en

Chile

en el período informado

2023-01-01 to 2023-12-31

El propósito declarado es

Scope 2 Reporting

6.6 Innovation and continuous improvement

For Puerto Ventanas, innovation is considered one of the fundamental pillars for achieving sustainable management and excellence. In an environment characterized by constant changes in the economic, commercial and socio-environmental spheres, the company recognizes the need to adapt and evolve in order to maintain its leading position in the industry and offer cutting-edge solutions to its current and potential customers

In this context, and considering the importance of keeping up to date with new technologies and the transformations affecting the country, Puerto Ventanas has oriented its actions towards a proactive approach to updating and renewal.

To fully capitalize on its potential and remain a competitive option for the mobilization of cargo, the company fosters a culture of innovation that promotes critical analysis of existing processes and provides space for employees' creative thinking. In this way, PVSA constantly implements actions aimed at modernizing infrastructure and adopting cutting-edge technologies to boost efficiency and competitiveness in all areas of the organization. This commitment was more evident than ever during 2023, where the post-fire reconstruction of the port provided an opportunity to move towards new and improved technologies.

A. Feeder rehabilitationelectric for La Greda winery:

In March 2023, successfulWork was also carried out to connect the energy feeder of the La Greda warehouse to the port's electrical grid, which made it possible to remove the generating sets, installed to temporarily supply energy in that area, due to the fire.

B. Rungue warehouse electrical authorization:

During March 2023, the work related to the renovation and enhancement of the energy distribution cells was completed, which allows the new Rungue Winery to be electrically enabled. The work was led by PVSA's reliability and technology area.

C. Agreement with European companies for the supply of conveyor systems:

In March 2023, within the framework of the port reconstruction process, PVSA sealed two agreements for the rehabilitation of the copper concentrate conveyor systems that were damaged. Firstly, an agreement was generated with Duro Felguera, a Spanish company, for the supply of the enhanced system. In addition, a contract was generated with the company FAM, of German origin, for the supply of the copper concentrate conveyor belts of the old system. The latter incorporates significant improvements in technology, safety and care for the environment, as it has a tubular belt design.

D. Bridge Crane Improvements:

In June 2023 significant improvements were made to the Anglo American train unloading bridge crane, where the floor of the crane cabin was changed for a new one with an insulating blanket and plywood plate to insulate heat and cold temperatures. . In addition, the cabin window was expanded to improve operator visibility. The initiative was managed by the Terminal Operations Deputy Management and the collaboration of coastal terminal workers and our Joint Hygiene and Safety Committee (CPHS).

F. New CIO:

In July 2023, the delivery of the new Integrated Operations Center (CIO) was completed, which incorporates high-resolution professional monitors and new habitability that meets requests from operators. This allows for improved ergonomics and lighting aspects as it is located in the administrative building. This project was directed by the Terminal Operations Deputy Manager and had the support of the technical areas of PVSA and the CPHS.





H. Infrastructure improvements after the fire:

The reconstruction process, after the fire, has carried out a series of significant innovations to strengthen and modernize its operations:

- The installation of Flat Conveyor Belts and Tubular Conveyor Belts has allowed the implementation of the best available technology, making the port the first in the world to have three tubular solid bulk transfer systems, with an extension total of 2.3 km. This measure not only represents a technological advance, but also facilitates the transfer of grains, clinker and coal through a single tubular belt, which generates synergies and improvements in operational efficiency.

- In terms of materiality, the new structures have been designed to require less maintenance since they incorporate non-stick technologies. In addition, tapes with a metal core have been implemented to reduce the risk of cuts and fire retardant classification systems, which contribute to improving the safety and durability of the facilities.

- Five transfer towers have been eliminated. In addition to reducing environmental and safety risks, it frees up dock capacity equivalent to 400 tons less structure, providing greater flexibility and efficiency in port operations.

- New dust collection systems have been introduced, allowing you to raise the environmental standard and anticipate upcoming environmental authority requirements.

- Regarding structural integrity, new systems have been built that comply with the update of the 2023 seismic standard, implementing the latest requirements in the matter to guarantee the safety of the facilities.

- A new fire network has been developed, incorporating intelligent electrical systems with 50% fewer pipes and wiring, which reduces risks and improves the reliability of the system. In addition, the Dupline system has been implemented to optimize security control and sensorization based on fiber optic systems. The new network also includes fiber optic technology for temperature detection along the dock, along with an automatic extinguishing system at the dock and other facilities, raising the port's safety standard