

Sustainability Report

2024



RIO DESERTO
SYNERGY WITH YOU

RAGRO®

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This Sustainability Report presents the main achievements of Rio Deserto throughout the year 2024. The following pages include results and initiatives that reinforce the company's integrity, transparency, and commitment to ethical, environmental, social and economic principles. The material was produced in compliance with the General Data Protection Law (LGPD), in accordance with relevant guidelines.

7. Operational and financial performance

Message from the Administrators

It is with great satisfaction that we present another edition of Rio Deserto Sustainability Report. This document reflects our ongoing commitment to transparency, socio-environmental responsibility and the creation of sustainable value for all our stakeholders.

Every report is made up of numbers, actions and goals. But this one, in particular, carries the essence of a purpose. As you turn these pages, we invite you to walk with us on a journey that goes beyond business performance. It's a journey about a genuine desire to do things differently and better.

We are living in a time when environmental, social and economic challenges demand increasingly conscious and integrated actions. In this context, we reaffirm our belief that sustainable development is not just a strategic guideline, but a principle that guides our decisions, operations and investments.

Throughout 2024, we made significant progress in our governance practices, promoted initiatives focused on people well-being, encouraged the responsible use of natural resources, and supported the development of the communities in which we operate. The results presented here represent the efforts of many hands working with ethics, respect and a commitment to today and future generations.

*We believe that sustainability means
**cultivating strong relationships with
people and with the planet.***

*It **means innovating responsibly,**
growing with balance and moving
forward with empathy.*

HEITOR AGENOR ZANETTE
GIOVANNI PAGNAN ZANETTE
VALCIR JOSÉ ZANETTE
Administrators of Rio Deserto

JOÃO GABRIEL PAGNAN ZANETTE
EDUARDO NETTO ZANETTE
Financial and Administrative Advisors



1. Our campaign

- _ Who we are
- _ Units
- _ Management policy
- _ Highlights

WHO WE ARE

With a solid and innovative trajectory, Rio Deserto is present in nine municipalities of Santa Catarina and encompasses 16 business units, including production, administrative and research operations.

The company stands out as a specialist in the use of minerals, combining tradition and innovation to build a meaningful legacy in the coal mining, agribusiness, ceramics, glass and steel industries.

In the mineral sector, Rio Deserto operates along the coal production chain, with extraction and processing activities that supply coal for electrical energy.

In agribusiness, the Ragro Minerals brand provides high-performance inputs for animal nutrition and plant strengthening, promoting greater productivity and sustainability.

In the ceramics, glass and steel industries, the company excels through RD Fundentes (RBM Mineral Processing), supplying fluxing and melting minerals that enhance resistance, densification and efficiency in production processes.

Committed to the highest management standards, Rio Deserto is the first coal mining company in Southern Santa Catarina to achieve ISO 9001 (Quality Management), ISO 14001 (Environmental Management) and ISO 45001 (Occupational Health and Safety Management) certifications.

Moreover, it is a pioneer in Santa Catarina as a signatory of the National SDG Movement (Sustainable Development Goals), reinforcing its commitment to ethical, sustainable and future-oriented operations.



**We are
expertise
in mineral.**



Business

Supply of mineral inputs.



Vision

To be a national reference in the supply of mineral inputs.



Mission

To contribute to national development through the extraction, industrialization and commercialization of mineral products, transforming mineral resources into solutions.



Values

Rio Deserto behavior is a reflection of the mindset focused on the country's socioeconomic development. All decisions are made in the direction of growth, for the company, as well as for employees, customers, suppliers, communities and partners in general.

INNOVATION: Technological improvement, development and appreciation for employees' initiative, in the continuous pursuit of results for the organization.

COMMITMENT: With customers, employees, suppliers, regulatory agencies, the community and safety.

ETHICS: To respect the principles, the policies and the procedures defined by the company, regulated by the law and by society, working with honesty, professionalism and transparency.

SOCIOENVIRONMENTAL RESPONSIBILITY: To contribute to the conscious and sustainable development of society, promoting the full exercise of citizenship and respecting the environment.

UNITS

1. Criciúma (SC)

- Head Office
- Novo Horizonte Mine Unit
- RD Engenharia
- Oriental Asset Management Ltd.

2. Içara (SC)

- Extraction Unit Mina 101

3. Cocal do Sul (SC)

- RD São Geraldo
- Floresul Florestamento e Reflorestamento Sul Ltda.

4. Urussanga (SC)

- RDLAB Laboratory Reference
- Ragro Minerais

5. Siderópolis (SC)

- Shipping Station
- Metallurgical Unit

6. Treviso (SC)

- Extraction Unit Cruz de Malta Mine

7. Capivari de Baixo (SC) | Consórcio

- Capivari de Baixo Unit

8. Lages (SC)

- Lages Unit

9. Correia Pinto (SC)

- RBM Beneficiamento de Minerais Ltda.



MANAGEMENT POLICY

Rio Deserto **establishes** the following as its **Management Policy:**



The continuous improvement of the effectiveness of the quality management system, environmental performance, and health and safety is ensured through compliance with the Management Policy, and the consultation and participation of the employees who make up the company.

HIGHLIGHTS

30 years of the Correia Pinto Unit

The Correia Pinto Unit, of Rio Deserto, located in the Serra Catarinense region, celebrated its 30th anniversary in August 2024. To mark the occasion, a special lunch brought together employees, families, and partners. During the event, tributes were paid to long-serving employees and outstanding suppliers. An institutional video of the unit was also launched.

In celebrating the 30th anniversary of the Correia Pinto Unit, Rio Deserto also reinforced its core principles, grounded in ethics and respect. The Correia Pinto Unit is recognized for the extraction and processing of nepheline and phonolite, minerals used in the ceramic, glass and steel industries.

In 2024, the Correia Pinto Unit was renamed RBM Beneficiamento de Minerais. Founded on August 17, 1994, it carries the legacy and strength of Rio Deserto, a company specialized in the extraction and processing of minerals.

Carvão +

In 2024, the coal sector of Southern Santa Catarina introduced a new brand. The identity “CARVÃO +” represents a new era for coal companies, focused on sustainability in the extraction and processing of mineral coal, with an emphasis on a Just Energy Transition and the pursuit of a low-carbon model.

The new brand from the Coal Extraction Industry Union of the State of Santa Catarina (SIECESC) is rich in symbolism. The colors reflect technology and are aligned with respect and care for nature. The typography, straightforward and modern, showcases the new communication style of the industry. The letter O, represent as a polygon, highlights one of the key elements of the mineral.



CARVÃO +



2. Expertise in Mineral

- _ Mineral coal
- _ RD Fundentes
- _ Ragro Minerals

MINERAL COAL



Mineral Coal

Essential in the generation of electric energy, mineral coal is obtained after the processing of ROM (run-of-mine coal), becoming an efficient fuel for thermal power plants. During this process, characteristics such as particle size, ash content, sulfur, volatile matter and calorific value are carefully adjusted to meet the specific demands of the market.

In Southern Santa Catarina, this mineral goes far beyond its energy function — it is part of the region's history and progress, directly linked to the economic development of several municipalities, driving industries, generating jobs and contributing to the country's energy matrix.

Pyrite (Iron Sulfide)

A source of sulfur used to correct sulfur content in cast iron, pyrite is a raw material obtained through the selective processing of mineral coal. Its application is strategic in steelmaking processes, contributing to the quality and performance of the final material.

True energy is born from the heart and strength of the miner

Rio Deserto: a symbol of solidity and experience for decades.

RD FUNDENTES

RD Fundentes has established itself as a reference in the supply of mineral raw materials for the ceramic, glass, and steel industries, offering solutions that enhance industrial process performance.

Our fluxing and melting minerals are essential for increasing mechanical strength, densification and the final quality of materials, directly contributing to more durable and efficient products.

We extract and process phonolite a strategic mineral for the glass packaging and steelmaking sectors and nepheline, a mineral specifically geared toward meeting the technical demands of the ceramic market.

Each stage of the extraction and processing operations is monitored through rigorous physical and chemical analyses, ensuring high standards of quality and reliability. With technology, control and commitment, RD Fundentes delivers minerals that make a difference at the foundation of industry.



RAGRO MINERALS

Behind great results in the field, there's something even greater: science. Cutting-edge technology, mineral knowledge and proven results are the pillars of Ragro.



RAGRO®



PLANT STRENGTHENING

Developed to boost agricultural performance, Ragro's solutions are strategic allies for farmers who face the challenges of modern agriculture with a focus on efficiency, balance and resilience.

MAXIMUM RESULT PER HECTARE.

Gran Line

Combines the best of plant nutrition with the benefits of silicon, essential for plant resilience and maximum performance. Gran Line products improve stress tolerance, strengthen natural defenses, and consequently increase crop productivity and profitability.

AMPLIFY YOUR RESULTS WITH AMORPHOUS SILICON

Amorphous silicon is widely recognized for its ability to reduce both abiotic and especially, biotic stress. The mineral, present in Ragro's exclusive formulations, has the capacity to accumulate in plant cell walls, creating a barrier that reduces mechanical damage. Additionally, it stimulates physiological pathways related to resistance induction, enhancing the plant's natural defense arsenal.



Gran ImpulSi Protect

Gran ImpulSi Protect provides essential nutrients for the early development of crops. With an exclusive formulation directly influences the plant's nitrogen cycle and plays a key role in the nitrogen fixation process. It also strongly stimulates root growth by contributing to the synthesis of auxins.

With a low salt index, balanced pH and seaweed extract (*Ascophyllum nodosum*), Gran ImpulSi Protect is safely recommended for seed treatment.

TECHNICAL DIFFERENTIALS:

- Optimization of biological nitrogen fixation.
- Low salt index.
- Activation of enzymes involved in cell division.
- Essential nutrients for urease activation.

Gran Start Mn+

Gran Start Mn+ is a fertilizer designed to supply manganese at critical stages of the early crop cycle. It plays a key role in plant establishment by promoting nutritional balance and strengthening plant defense mechanisms.

Its benefits range from detoxifying plants affected by ROS (reactive oxygen species) to stimulating vegetative development.

TECHNICAL DIFFERENTIALS:

- Helps detoxify plants loaded with ROS.
- Increases efficiency in disease control.
- Stimulates vegetative development.
- Promotes the production of specific enzymes.

Gran MoB

Gran MoB combines essential elements for plant development. Boron supports cell wall formation and sugar transport, molybdenum optimizes nitrogen metabolism, and the seaweed extract provides plant hormones, amino acids and antioxidants, promoting nutritional balance.

The application enhances biological nitrogen fixation, supports flowering and fruit set, reduces flower and pod abortion, and improves grain filling resulting in healthier, more productive plants.

TECHNICAL DIFFERENTIALS:

- Greater resistance to biotic stress.
- Biostimulant action.
- Optimization of nitrogen fixation.
- Supports the formation and stability of the cell wall.

Gran Zn+

A formulation designed for foliar application, primarily composed of zinc. It prevents and corrects deficiencies of this essential nutrient.

Its formulation offers remarkable benefits, acting as a key enzymatic activator for amino acid synthesis. Additionally, it promotes proper vegetative development, enhances photosynthetic capacity and provides support against both biotic and abiotic stresses.

TECHNICAL DIFFERENTIALS:

- Important enzymatic activator.
- Essential for amino acid synthesis.
- Stimulates vegetative development.
- Support against biotic and abiotic stresses.

Gran Max Protect

Gran Max Protect's unique formula acts as an inducer, strategically activating the plant's natural defense mechanisms. This process improves crop health and as a result, helps preserve yield potential.

The special combination of exclusive ingredients stimulates plant defenses and enhances grain filling.

TECHNICAL DIFFERENTIALS:

- Greater efficiency in disease control.
- Maintains photosynthetic potential.
- Improves grain filling.
- Operational ease.

Gran Induktor Protect

Its composition meets the highest standards of sustainability and responsible agricultural practices, ensuring that plants receive essential nutrients effectively and safely.

Copper is an essential micronutrient that plays an active role in key enzymatic processes such as photosynthesis and carbohydrate metabolism, promoting healthy plant development.

TECHNICAL DIFFERENTIALS:

- Maintains the productive potential of plants.
- Supports protein metabolism.
- Increases photosynthetic efficiency.
- Aids in resistance against pests and diseases.



INPUT SUITABLE FOR USE IN ORGANIC PRODUCTION. USE SUBJECT TO THE CRITERIA OF EACH ORGANIC REGULATION, ACCORDING TO THE RESPECTIVE ISSUED CERTIFICATE. INSPECTED BY ECOCERT AND ECOCERT SAS F-32600.

Gran N-Synth

Providing essential nutrients for healthy plant growth, Gran N-Synth contains elements such as nitrogen, magnesium, sulfur, and silicon.

These elements are crucial for strengthening plant resistance, increasing stress tolerance, and supporting development. This solution is specifically designed to maintain photosynthetic capacity a vital process for energy production and plant growth.

TECHNICAL DIFFERENTIALS:

- Greater resistance to biotic stress.
- Maintenance of photosynthetic capacity.
- Stimulates vegetative development.
- Essential for protein synthesis.



Nutri Line

Composed of formulations developed to deliver essential nutrients at the right time, maximizing plant absorption and metabolism. With high technology and balanced formulations, Nutri Line products ensure development and productivity.



Nutri BMea

Formulated with boron one of the essential micronutrients for plant development responsible for cell formation and division, as well as the transport of sugars and nutrients.

Nutri BMea maximizes cell multiplication and supports efficient reproductive maintenance, favoring the plant's reproductive development. Its formulation delivers fast results, optimizing crop growth and productivity.

Boron 100% complexed with monoethanolamine.

TECHNICAL DIFFERENTIALS:

- Highly soluble and readily absorbable boron.
- Supports the formation and stability of the cell wall.
- Increases translocation of sugars and nutrients.
- Maximizes reproductive development.

Bio Line

The future of plant nutrition and protection through innovative biological solutions. Developed from exclusive microorganisms, Bio Line products enhance soil and plant health and stimulate development in a sustainable way promoting a more efficient and balanced agricultural environment.



Improves soil conditioning.



More resilient plants.

Bio Promova

Bio Promova is an exclusive microbiological soil conditioner with multiple functionalities and rapid colonization capacity.

It is composed of *Pantoea phytobeneficialis*, which increases plant productivity through mechanisms such as enhanced soil enzymatic activity, nitrogen fixation, phosphorus solubilization, hormone production, and modulation of ethylene levels in plants during critical periods.

TECHNICAL DIFFERENTIALS:

- Modulates microorganisms in the rhizosphere.
- Enhances nutrient uptake from the soil.
- Stimulates the production of plant growth-promoting hormones.
- Limits ethylene hormone during stress periods.

ANIMAL NUTRITION

Ragro maintains an exclusive line of mycotoxin adsorbent additives for Animal Nutrition, developed for the multinational company Cargill. This partnership reinforces Ragro's innovation and excellence in agribusiness.

Notox

Developed by Ragro for Cargill Animal Nutrition in Brasil, the Notox line was created as an innovative response to the serious challenges caused by mycotoxins in animal production.

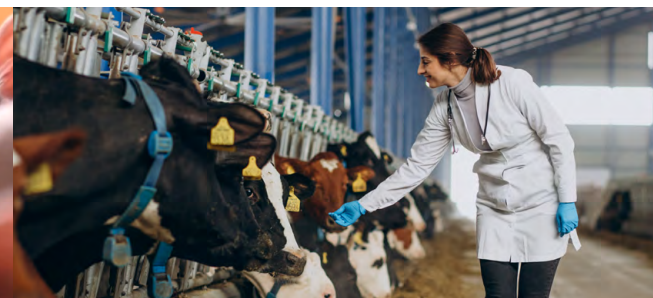
Combining science, advanced mineral technology and nutritional precision, Notox incorporates intelligent adsorbents, strategically selected to ensure high mycotoxin adsorption capacity without interfering with the absorption of essential vitamins and nutrients. These additives are formulated to act directly in the feed, providing effective and selective protection, with safety and performance.

The result of years of research and development, the effectiveness of the Notox line is proven by rigorous in vitro and in vivo studies, reaffirming its position as a reference in mycotoxin control in the national market.

The line consists of seven specific solutions, tailored to different species and production stages: **Notox One, Notox Poultry, Notox LS, Notox Reproduction, Notox Swine, Notox T6, and Notox.**



The **Notox line** is exclusively distributed **by Cargill** in Brasil and in more than **45 countries**.



Notox One

Mycotoxin adsorbent additive composed of minerals capable of adsorbing the main mycotoxins that affect poultry, swine and ruminants, with enhanced action against aflatoxins and fumonisins.

Notox Poultry

A solution for the mycotoxin challenge in poultry farming. The product combines four distinct technologies that demonstrate broad-spectrum efficiency, both in vitro and in vivo.

Notox LS

Broad-spectrum mycotoxin adsorbent additive composed of special aluminosilicates and an organic additive, which facilitates the adsorption of both non-polar and polar mycotoxins.

Notox Reproduction

Broad-spectrum mycotoxin adsorbent additive for breeding sows, composed of minerals capable of adsorbing primarily zearalenone, as well as fumonisins, trichothecenes (T-2), aflatoxin and ochratoxins.

Notox Swine

Mycotoxin adsorbent additive composed of minerals capable of adsorbing fumonisins, trichothecenes (T-2), zearalenone, aflatoxin and ochratoxins. The product is validated in vivo against the main mycotoxins that affect swine during the nursery phase.

Notox T6

Mycotoxin adsorbent additive with advanced technology to combat the harmful effects of Deoxynivalenol (DON). It is designed to mitigate the presence of the main mycotoxins found in the field, with a special focus on DON—a highly toxic substance that is difficult to adsorb and causes significant economic losses.

Notox

Aflatoxin and fumonisin adsorbent additive composed of calcium and sodium aluminosilicate, tested in vivo in poultry and swine.

Innovative
technologies
for **smart
adsorption.**





3. Environment

- _ Environmental management
- _ Sustainable water management
- _ Socio-environmental projects
- _ Sustainable connections



ENVIRONMENTAL MANAGEMENT

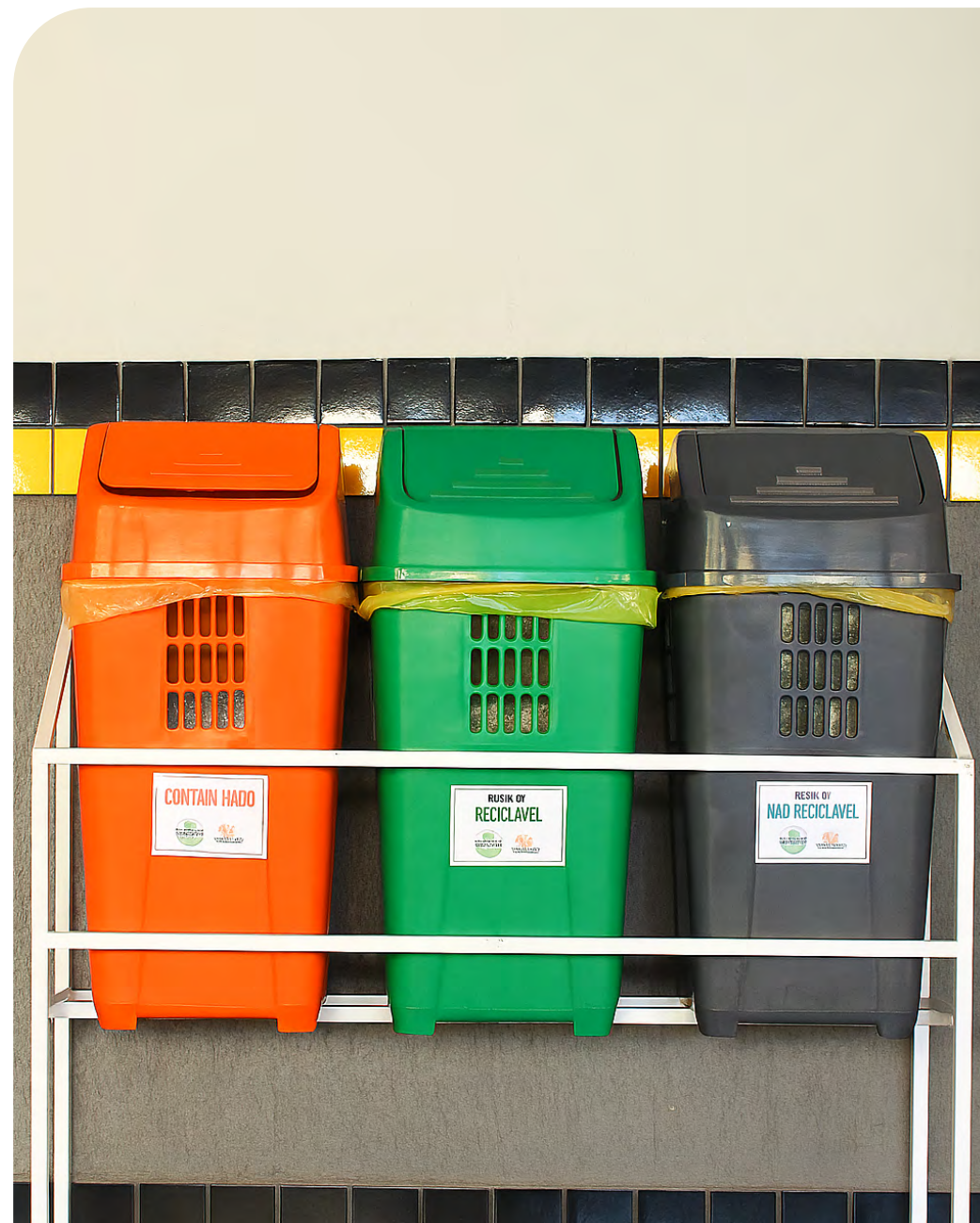
Waste management as an example of environmental responsibility

At Rio Deserto, environmental care goes beyond obligation—it's part of the company's culture. The Solid Waste Management Program (PGRS) is recognized as a benchmark in best practices, ensuring that every type of waste is properly handled and sent to the correct destination.

With well-defined processes, all materials generated are carefully classified and managed. This enables effective solutions such as recycling, composting, and environmentally responsible final disposal, promoting a sustainable cycle.

Traceability is one of the pillars of the program: each waste stream is monitored from its generation to final destination, with records kept through the Waste Transport Manifest (MTR), via the official platform of the Environmental Institute (IMA).

But the commitment goes beyond industrial operations. Rio Deserto also fosters environmental awareness among its employees. Training sessions, lectures, and hands-on activities on material reuse and environmental preservation are part of the company's routine—strengthening a network of actions that truly make a difference.



Restoring to Transform: Rio Deserto's Commitment to the Environment

Over the past ten years, Rio Deserto has recovered more than three million square meters of land—much of which was not even part of its environmental liability. This effort reinforces the company's genuine commitment to sustainability and environmental stewardship.

In addition to revitalizing degraded areas, the company also preserves significant fragments of native forest in the cities of Orleans (5 million square meters) and Siderópolis (3 million square meters), contributing to biodiversity and the quality of life in southern Santa Catarina.

Rio Deserto's investment in environmental recovery has yielded visible results: previously impacted areas have now become green, safe, inclusive, and accessible spaces for the community, strengthening the connection between nature and society.

The techniques adopted follow strict criteria established by the Technical Advisory Group (GTA) and are aligned with the highest international standards. The process includes soil reshaping, clay sealing, the addition of fertile soil, and finally, the planting of native vegetation. After rehabilitation, the areas remain under constant monitoring to ensure recovery efficiency and the maintenance of ecological balance.



Greenhouse Gas (GHG) Emissions Management

The discussion around Greenhouse Gas (GHG) emissions is a global one — and Rio Deserto plays an active role in this movement. Aligned with the principles of sustainable development, the company operates with responsibility and transparency, carrying out the mapping and quantification of emissions across all its units.

The company invests in projects and actions aimed at mitigating climate impacts, reaffirming its commitment to preserving the planet and future generations.

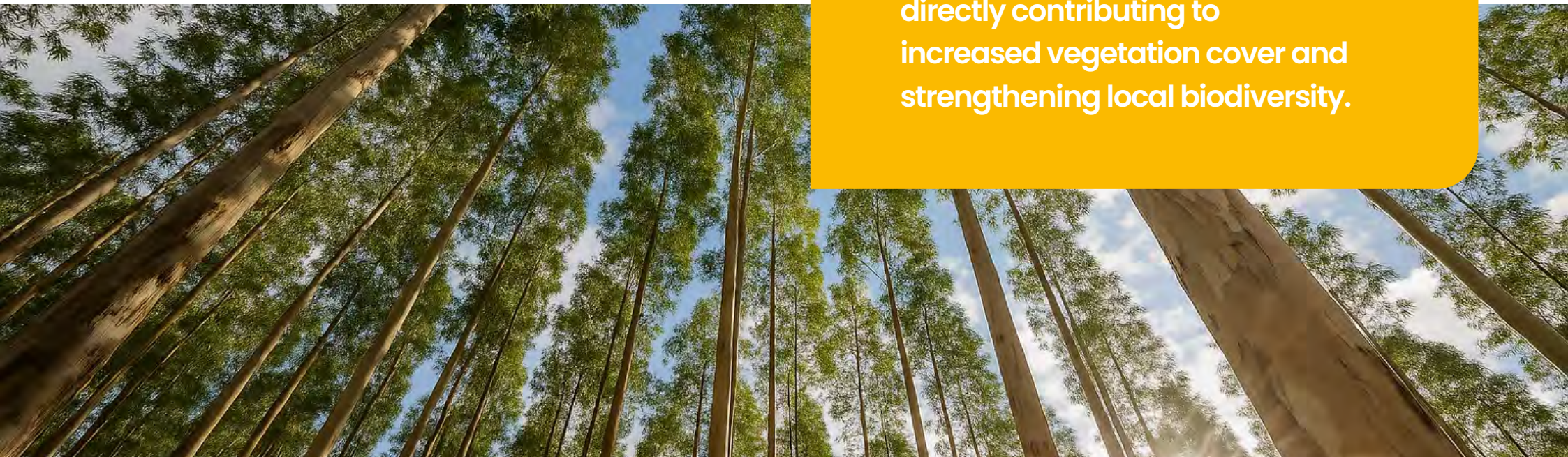
Sustainable Forest: a project that cultivates the future

Focusing on sustainable development and the conscious use of natural resources, Rio Deserto leads the Sustainable Forest Plantation project in strategic areas of southern Santa Catarina. The initiative promotes the cultivation of fast-growing exotic species, such as eucalyptus, with the goal of producing wood in an environmentally responsible way.

Far beyond wood production, the project serves as a true ally of nature. It contributes to the protection of water sources, soil recovery, conservation of native vegetation, and the fight against deforestation. By encouraging afforestation and reforestation, Rio Deserto reinforces its commitment to environmental preservation and ecosystem balance.

All activities are carried out in accordance with the regulations established by the Forest Code and current environmental legislation. Planting and management follow strict technical criteria, ensuring responsibility at every stage.

**The positive impact is significant:
over 500,000 eucalyptus
seedlings have been planted
and 300 hectares of soil are
protected against erosion
directly contributing to
increased vegetation cover and
strengthening local biodiversity.**



SUSTAINABLE WATER MANAGEMENT

At Rio Deserto, water care is part of everyday operations

Rio Deserto turns water care into a practical commitment to the sustainable development of southern Santa Catarina. Among the many notable actions are the preservation of water sources, treatment and reuse of water used in coal mining, and the supply of treated water for local agriculture and industry.

At the company, every drop counts. The effluents generated by mining activities undergo a rigorous physical-chemical treatment process at Effluent Treatment Stations (ETEs). The stages include aeration, neutralization and sedimentation in impermeable basins, ensuring environmental safety and operational efficiency.

As a result, treated water returns to the production process, being reused in activities such as underground operations, area cleaning, and sanitation. The surplus volume is made available for agricultural and industrial use, promoting sustainable reuse and full compliance with current environmental legislation.

More than simply meeting regulations, Rio Deserto reaffirms its commitment to the responsible management of water resources and to the well-being of the communities and ecosystems that surround its operations.

SOCIO-ENVIRONMENTAL PROJECT

Since 2006, the Felinos do Aguaí Institute, based in Siderópolis, has led a mission of care, research, and wildlife conservation. With support from Rio Deserto, the institution—recognized as a Civil Society Organization of Public Interest (OSCIP)—works to protect the wild cats that inhabit the Aguaí State Biological Reserve and its surroundings, contributing to ecological balance in the coal region of southern Santa Catarina.

In 2024, the Institute continued important programs that combine science, education, health, and social engagement, strengthening its impact across several municipalities in the region.

Discoveries that cross borders

Through its Wildlife Research and Monitoring Program, the Felinos do Aguaí Institute became part of an international research network spanning North, Central, and South America. The highlight of the year was the discovery of *Leopardus pardinoides*, a new species within the Tigrinus complex, showcasing the value of scientific partnerships and the biodiversity potential of the region.

Ecological health: protection that connects species

In the field of Ecological Health, the Institute continued preventive actions, such as vaccinating domestic animals in areas near the reserve. This measure protects wild species—such as small wild cats—by reducing the risk of disease transmission, promoting a healthy balance between urban and natural environments.

Education that transforms

The Environmental Education Program also progressed, expanding the reach of its educational activities. A key milestone was the partnership with UNESCO, which enabled internships for Biology students and led to the graduation project of an Architecture and Urbanism student: the design of an Environmental Education Center in Treviso, located within the Aguai State Biological Reserve. A true link between academic knowledge and environmental commitment.

Nascentes project: a source of life for the future

Another major step taken by the Felinos do Aguai Institute in 2024 was the launch of the Nascentes de Siderópolis Project, aimed at recovering and preserving the region's water springs. The initiative reinforces the importance of water resources for ecosystem maintenance and the supply of local communities.



Innovation in Service of Nature

With great enthusiasm, the Institute announced the acquisition of a geodesic dome, an interactive and playful structure designed to offer children and teenagers an immersive nature experience. The space encourages active learning and strengthens the bond between younger generations and the environment.

In addition, the installation of photovoltaic equipment marks another step toward sustainability, connecting education, technology, and clean energy.

With the support of Rio Deserto, the Felinos do Aguai Institute reaffirms its mission: to protect, educate, restore, and inspire. Each project is a seed planted for a more conscious, biodiverse, and sustainable future.

SUSTAINABLE CONNECTIONS

World Environment Day 2024

With a light, interactive, and educational approach, June 2024 was marked by special activities across Rio Deserto units in celebration of World Environment Day. The initiatives, led by the company's Environmental Department, combined information and fun to engage both employees and the community.

Among the highlights, an environmental quiz tested employees' knowledge of sustainable practices adopted by Rio Deserto. With each correct answer, participants advanced to the "hit the cup" challenge, earning points in a fun and dynamic competition. The top performers were awarded special gifts in recognition of their engagement and learning.

Awareness was also approached from a social and sensitive perspective: in Criciúma, students from the Association of Parents and Friends of Autistic Individuals (AMA) participated in a flower planting activity, making the moment even more meaningful and symbolic.

These actions reinforce Rio Deserto's commitment to environmental education, showing that it is possible to learn and help transform the world around us—in a collective, inclusive, and inspiring way.



Strategies to Prevent AMD Highlighted During Technical Visit

More than 25 technicians from ANM (National Mining Agency), FEPAM (State Environmental Protection Foundation), IMA (Environmental Institute of Santa Catarina), and SGB (Geological Service of Brasil) visited Rio Deserto's Mina 101 Extraction Unit in June 2024. The visit was part of ANM's training course on Acid Mine Drainage (AMD).

During the visit, key features of the Mina 101 Extraction Unit were presented, with an emphasis on the strategies and technologies used to prevent AMD generation, such as effective groundwater control and strict environmental monitoring. Sustainable practices such as the redirection of water from Mina 101 for agricultural and industrial use were also highlighted.

The Mina 101 Extraction Unit is considered a benchmark, as it has operated for nearly 15 years without any change in the quality of the water pumped from underground, thanks to effective groundwater control, continuous monitoring, and favorable geology.



SDGs in the Park

Rio Deserto participated in the “SDGs in the Park” initiative, held in September 2024 at Parque das Nações in Criciúma. The event was organized by the Criciúma SDG Committee and marked the conclusion of the “SDGs in Practice Week,” which brought together signatories in a schedule filled with activities and projects.

In addition to presenting actions aligned with the Sustainable Development Goals (SDGs), the company also distributed gifts to the community. The event also featured the presence of the Felinos do Aguaí Institute supported by Rio Deserto which is dedicated to the conservation of wild cats in the Aguaí State Biological Reserve and its surroundings. The platform used for ESG data management was also showcased during the event.

The “SDGs in Practice Week” is held annually to give visibility to initiatives connected to the Sustainable Development Goals.

It always takes place during the last week of September and mobilizes the United Nations, local and national governments, institutions and organizations of all kinds, the media, civil society groups, and citizens worldwide for a global effort in support of the SDGs.



4. Social

- _ Employees
- _ Professional development
- _ Benefits
- _ Education
- _ Health, safety and well-being



EMPLOYEES

At Rio Deserto, the safety, health, and well-being of employees are top priorities. The company recognizes that its people are the driving force behind transformation and for this reason, continuously invests in initiatives for human and professional development creating an environment where individual growth aligns with corporate goals.

Creativity, innovation, commitment, agility, trust, collaboration, cordiality, and responsibility are more than just organizational values they are attitudes brought to life by each employee, every day.

More than 600 professionals are part of our team, working in factories, extraction units, the laboratory, and the office. Valuing this team means recognizing that Rio Deserto's future is built by the hands of those shaping its present.

The company upholds the principle of treating everyone equally, ensuring respect for internationally recognized rights, especially regarding decent work and non-discrimination. This commitment extends not only to its operations but also throughout its value chain.

To reinforce this ethical stance, Rio Deserto has established solid internal regulations, such as the Code of Ethics and Conduct, which is publicly available on its institutional website. The document expressly prohibits child labor, forced or slave-like labor, and firmly opposes all forms of discrimination, moral or sexual harassment. It also guarantees freedom of union association and collective bargaining.

At Rio Deserto, every person matters. And it is on this principle that the company builds a fairer, safer, and more inspiring workplace—every single day.

PROFESSIONAL DEVELOPMENT

Training and education

Attentive to business challenges and market transformations, the company has been expanding its value proposition in corporate education by investing in initiatives that strengthen both technical and behavioral competencies among employees. The mission is clear: to develop skilled, engaged professionals who are immersed in a culture of continuous learning creating value for both the individual and the organization.

With a structured and ongoing training program, Rio Deserto drives real gains in productivity, quality, innovation, organizational climate and talent retention key pillars for sustainable competitiveness.

In 2024, this learning journey gained even more momentum. These initiatives reinforce Rio Deserto's commitment to team growth and to building a work environment where knowledge flows, inspires and transforms.

Training and internal development actions:



Operational instructions and work procedures



Regulatory Standards (NR) training



Daily Health and Safety Dialogues (DHSD)



Health and wellness campaigns



Environmental guidelines and sustainable practices



Fire brigade training and refreshers



Leadership development programs



Workshops, lectures, and specialized training sessions

Specific Training: Prepares the employee to perform their role with excellence, supported by guidance and the experience of qualified professionals.

Job Qualification: Prepares the employee to substitute colleagues in situations such as vacations or leaves of absence, while also qualifying them for future internal promotions.

Unit	Job-Specific Qualification (total hours)	Training and Development (total hours)
Cruz de Malta Mine Extraction Unit	27.976,00	18.250,18
Mina 101 Extraction Unit	54.492,80	28.731,32
Novo Horizonte Mine	800,00	709,33
RD Engineering	--	434,03
Metallurgical Unit	7.520,00	2.516,46
RDLab – Laboratory Reference Center	1.600,00	3.267,43
São Geraldo Unit	1,00	240,07
Shipping Box Unit	--	240,07
Correia Pinto Unit	8.400,00	4.120,75
Industrial Complex	--	1.374,85
Head Office	Ragro Minerais	4.560,00
	Production Unit II	800,00
TOTAL	106.149,80	66.817,01

Continuous training: the fuel for sustainable growth

Investing in a well-structured and ongoing training program is not just a strategic choice it's a competitive advantage that is essential for long-term business success. When people development becomes a priority, results emerge across all areas. Check out the main benefits of this practice at Rio Deserto:

- > Increased day-to-day productivity**
 Well-prepared employees perform their tasks with greater speed, accuracy, and confidence, optimizing time and output.
- > Quality that stands out**
 With up-to-date knowledge and sharpened technical skills, errors are reduced and excellence becomes the standard in deliveries.
- > Engagement that inspires**
 Offering opportunities for professional growth boosts motivation and strengthens the sense of belonging within the company.
- > Reduced operational costs**
 Less rework and more efficient processes lead to savings both in time and resources.
- > Culture of innovation**
 Well-trained teams feel more confident to suggest improvements, propose new approaches, and contribute with creative solutions.
- > Talentos que permanecem**
 Valuing continuous development strengthens employee bonds, increases satisfaction, and reduces turnover.

Online training platform

In 2024, the professional and personal development of Rio Deserto employees was strengthened with the launch of an online training platform. The virtual environment was specially designed to facilitate access to courses relevant to each job role.

The Employee Development and Training Platform, named Capacita, was developed by the company's Human Resources department in partnership with the Satc

educational institution. Through this tool, courses such as Tractor Operator, Backhoe, Forklift, and Overhead Crane Operator, among others, are made available.

The implementation of the virtual platform simplifies employee training. Courses are recorded and made available according to each unit's needs. The virtual classes are interactive, and materials can be accessed at any time.

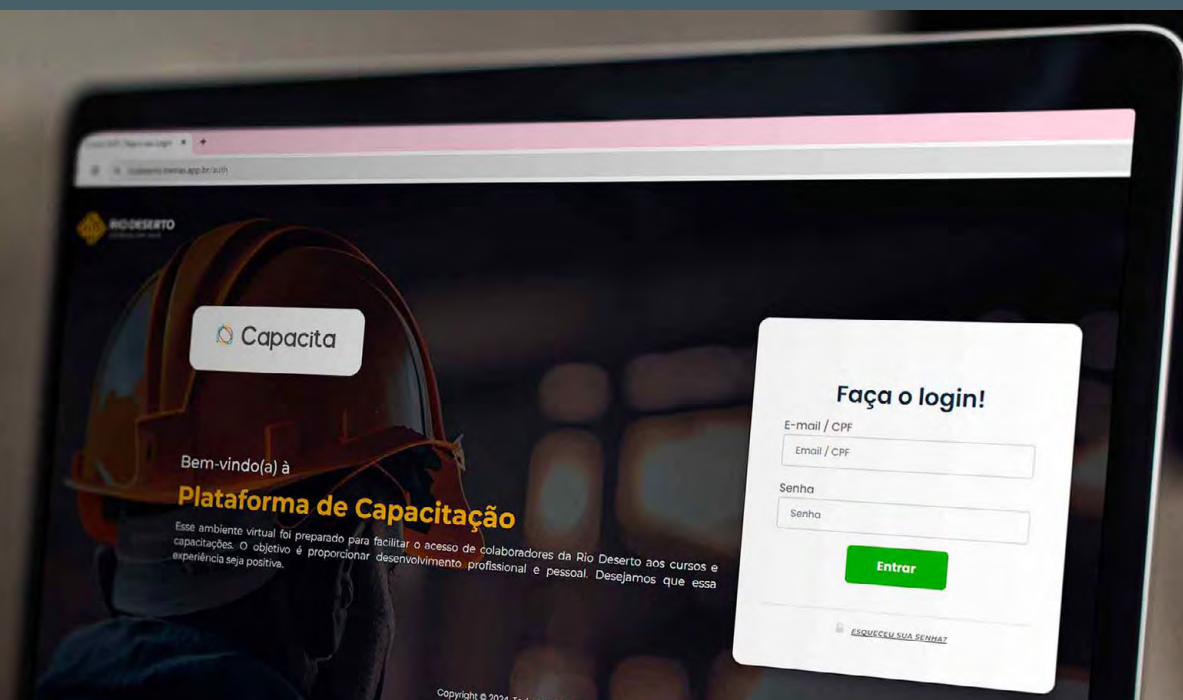


Talent attraction

With the mission of connecting talent to professional opportunities, Rio Deserto brought the “Rio Deserto + Employment” program to several municipalities across southern and mountainous regions of Santa Catarina throughout 2024.

The initiative, led by the Human Resources department, focused on strengthening the company's presence in local communities and promoting available job openings.

More than just presenting job opportunities, the events offered a space for dialogue and connection, where participants could learn more about the company, share experiences, and align expectations. In doing so, Rio Deserto continues to build bridges between the market and professionals seeking to grow alongside the company.



BENEFITS

Rio Deserto offers a benefits package aligned with market practices, the terms of the Collective Labor Agreement and above all the needs and expectations of its employees.

Among the benefits provided are:

 Agreements with laboratories and clinics	 Periodic medical exams	 In-house medical assistance
 Health insurance	 Life insurance	 Partnerships with universities and language schools
 Two boxes of milk per month	 Acicard card	 On-site meals and meal voucher

EDUCATION

Connecting with education: bringing talent closer to the future

Throughout 2024, Rio Deserto strengthened its relationship with educational institutions through actions that inspire, connect, and inform. The company promoted technical visits, participated in fairs, and held lectures—sharing knowledge on innovation, career paths, and employability with students from southern and mountainous regions of Santa Catarina.

More than just presenting opportunities such as the Internship Program and the Young Apprentice Program, these initiatives allowed young people to experience the job market up close, sparking interest in different career paths and strengthening the connection between the company, the community, and local schools.



Encouraging learning and contributing to people's development are key goals of Rio Deserto's practices.



Metallurgical Unit – Siderópolis

At the Metallurgical Unit, more than 20 students from the “Production Line Feeder” and “Administrative Assistant” courses at Satc participated in a technical visit that provided a complete immersion into the unit’s processes.

This connection not only contributes to the students’ learning but also reinforces Rio Deserto’s role in training the new generation of professionals. Located in Siderópolis, the unit has more than 60 employees and operates in areas such as automotive, hydraulics, manufacturing, machining, electrical, boiler making/welding, administration, warehouse, planning, production control, and mechanical design.



Correia Pinto Unit – Serra Catarinense

In Serra Catarinense, Rio Deserto took part in the 2nd edition of the “Palmeira Mais Jovem” event, organized by the Municipality of Palmeira in partnership with Sebrae. Representing the company, Alvacir Oliveira de Liz, occupational safety technician at the Correia Pinto Unit, shared his professional journey, the challenges of his role, and the opportunities available at the unit.

The event, held in October, aimed to promote integration between companies and teenagers in training.

During the program, young participants engaged in activities to solve real-world business problems under the guidance of professionals designated by the participating companies. They were also able to ask questions and learn about what the job market values during the hiring process.



Satc: the social and educational link of the coal industry



The Associação Beneficente da Indústria Carbonífera de Santa Catarina (Satc) is much more than an educational institution it is a reflection of the mining industry's social commitment to the future. Created by the coal sector, which continues to support it through monthly contributions from mining companies, in addition to student tuition, Satc represents the “social arm” of an industry that is essential to the region.

Its campus offers a complete educational journey, from early childhood education to postgraduate studies, supported by modern infrastructure focused on practical and transformative learning.

The institution also houses the Satc Technological Center, a hub for research, innovation and laboratory services that drives sustainable development, bridges theory and practice, and actively contributes to solutions that benefit society as a whole.

+5.000
students



Around of
600
Collaborators



Satc is nationally recognized as a benchmark in education and technology.

Young Apprentice Program

In 2024, Rio Deserto's Young Apprentice Program welcomed new participants. Unlike traditional programs that alternate between in-company activities and classroom instruction, Rio Deserto's Young Apprentice Program (for mining units) combines theory and practice exclusively through activities held at the Satc educational institution in Criciúma.

The new participants are enrolled in technical courses in Administration, Automotive Maintenance, or Mechatronics, and also receive certification in Administrative Assistant or Production Line Feeder apprenticeship courses. They benefit from official employment registration, transportation allowance, and compensation in accordance with legal requirements.

Launched in the second half of 2018, Rio Deserto's Young Apprentice Program is aimed at youth aged 15 to 21 who are currently attending or have completed high school.



Internship Program

For over 15 years, Rio Deserto's Internship Program has been transforming talent into successful career paths. With a focus on both professional and personal development, the program offers real opportunities for learning and growth within the company.

Rio Deserto interns receive compensation and a range of benefits such as transportation allowance, meals, and health insurance. Beyond day-to-day practice, the program emphasizes connection and knowledge exchange: every year, the company hosts the Interns' Meeting and the Internship Supervisors' Meeting moments dedicated to learning, integration, and recognition of each step in the journey.

In August, Interns' Day is celebrated with special activities. Participation in Satc's Employability Fair further reinforces the company's commitment to the future of young professionals starting their careers.



12th interns' meeting

The importance of effective communication and its impact on internship success were the central themes of the 12th Interns' Meeting at Rio Deserto. The event took place in August at the company's Head Office, bringing together interns from all units.

The session was led by Isabel Conti Shilling, a master in education and a corporate educator in communication and public speaking. She shared practical tips for improving everyday communication. The initiative, promoted by the Human Resources department, is part of the annual schedule of activities for Rio Deserto's Internship Program.

All participants received certificates and gifts in celebration of Interns' Day, observed on August 18.



Internship supervisor training

In 2024, the internship supervisors from the Mina 101 Extraction Unit gathered for a training session. This activity, organized annually by the Human Resources department, is part of the company's Internship Program calendar. The goal is to strengthen responsible internship practices.

2024 employability fair

Rio Deserto was among the participating companies at the 17th Employability Fair, held at Satc in October 2024. A highlight of the event was the active involvement of the company's interns, who shared their personal experiences with visitors. The strengths of the Internship Program and Rio Deserto's engagement with the public contributed to the success of the company's booth.

Participation in the event offered a valuable opportunity to showcase the company's best practices in internship development and its strong commitment to professional growth. This initiative plays a key role in connecting organizations with future professionals and reinforces the company's dedication to nurturing new talent.

In total, 65 organizations from southern and northern Santa Catarina, as well as other states, took part in the event. The Employability Fair was open to the public and was part of Satc Work Week (SWW), an initiative by Satc's internship office to strengthen the connection between students from Satc High School, UniSatec, and the business sector.

Rio Deserto internship program presented to Senai students

In July, Rio Deserto's Internship Program was presented to students from the Mechanics and Electromechanics courses at Senai Criciúma. On the occasion, Rio Deserto's Human Resources specialist, Alice Constantino Joaquim, emphasized the importance of strengthening the relationship between companies and educational institutions.

During the presentation, she also shared valuable insights such as the importance of self-awareness, professional development, and the cultivation of behavioral skills. Current Rio Deserto interns also participated in the event, introducing themselves and sharing information about their courses and roles within the company.

Interaction with educational institutions is a core principle of Rio Deserto's Internship Program. The company believes that collaborative experiences, like this conversation with Senai students, directly contribute to personal development.



Scholarships

At Rio Deserto, investing in education means investing in people. The company believes that knowledge transforms realities and for this reason, promotes initiatives that support learning and contribute to the personal and professional growth of its employees and their families.

Among these actions are the granting of scholarships and the maintenance of partnerships with educational institutions, making access to quality education easier for employees and their children.

All scholarship requests undergo a thorough evaluation based on previously defined criteria. In the case of employees, the relevance of the chosen course to the company's needs and challenges is also considered highlighting educational paths that align individual growth with collective advancement.

Hackathon: Coal+ Challenge

In 2024, Rio Deserto employees participated in the first edition of the “Hackathon: Coal+ Challenge.” The event took place at the Cobusiness space of the Satc Technology Center and brought together more than 40 participants, including students and professionals from various fields, who formed teams to turn ideas into real solutions for the coal sector.

Throughout the event, the teams were supported by mentors from different areas—from technical to administrative. Participants included professionals from coal companies, students from IFSC Criciúma, and both students and professionals from Satc, among others.

At the end of the event, each group presented the solutions they had developed. Topics addressed during the Hackathon included: automation in the use of underground equipment and machinery, moisture content in coal during production and transportation, and the use of biomass and/or peat to meet product specifications.

The first edition of the Hackathon: Coal+ Challenge was supported by the Santa Catarina State Coal Industry Union (Siecesc/Carvão+), Ferrovia Tereza Cristina, Diamante Geração de Energia, and Sebrae. The event was curated and coordinated by Satc, with participation from the Local Innovation Ecosystem, IFSC Criciúma, Criciúma Conecta Inovação, Unesc, ACIC, Criciúma Innovation Center, IEL/FIESC, and SESI/SENAI.



Young Entrepreneur Club Project

Partnerships between companies and schools can transform lives, and Rio Deserto has demonstrated this through its participation in the Young Entrepreneur Club Project—an initiative led by the City of Criciúma in partnership with the Criciúma Business Association (Acic).

In 2024, the company sponsored the Serafina Milioli Pescador Municipal Elementary School, located in the Operária Nova neighborhood, reinforcing its commitment to education, sustainable development, and the empowerment of young changemakers.

The project, which involved around 140 sixth- and seventh-grade students from 13 municipal schools, was part of Sebrae’s “First Steps Young Entrepreneurs” (JEPP) education program. Throughout the school year, students received visits from entrepreneurs and in return, visited the companies that sponsored them. The initiative culminated in the presentation of student-led projects at the Student Entrepreneurship Fair held in November at ACIC.

An exchange that inspires

The activities between Rio Deserto and the students of Serafina Milioli Pescador School were marked by mutual learning and enriching experiences. In June, company representatives including administrator Valcir José Zanette and administrative advisor Eduardo Netto Zanette visited the school to share their professional journeys, organizational values, and stories of dedication. The conversation, supported by the company's Human Resources and Communication departments, sparked reflections among students about the future, career paths, and the role of entrepreneurship in society.

A transformative visit

In September, it was the students' turn to visit the Novo Horizonte Mine Unit, located in the Ana Maria neighborhood of Criciúma. They explored the facilities, observed train loading operations, toured the Effluent Treatment Station (ETE), and watched an explanatory video about the coal extraction and processing process.

The visit also encouraged discussions on environmental care, health, safety, technology, and innovation. Professionals from Ferrovia Tereza Cristina were also present to raise awareness about safety near the railway.

Solutions inspired by practice

Based on their experience at Rio Deserto, the students developed a sustainability-focused project inspired by the company's Solid Waste Management Program (PGRS). The proposal aimed to implement an efficient system for separating and disposing of recyclable waste within the school, involving the entire school community.

The idea was presented at the 2nd Student Entrepreneurship Fair as part of the students' solution for the year's theme: "Sustainable Solutions."



Education that leaves a mark



Rio Deserto's participation in the project was defined by engagement, support, and encouragement. The initiative reinforces the importance of collaboration between schools, companies, and public institutions in building a more conscious, entrepreneurial, and sustainable future.

HEALTH, SAFETY AND WELL-BEING

At Rio Deserto, health and safety always come first. That's why the company has a robust Occupational Health and Safety Management System that integrates processes, actions, and best practices aimed at creating a safer, healthier work environment aligned with legal requirements.



Beyond compliance with Regulatory Standards, **Rio Deserto** pursues excellence in every initiative.

This system is built on solid pillars:

- › Compliance with current legislation
- › Proactive risk management
- › Ongoing training and a culture of awareness
- › Structured programs for safety, health and emergency response
- › Accident and incident prevention and mitigation
- › Commitment to continuous improvement



These guidelines apply to everyone: employees, service providers, interns, young apprentices, and visitors because safety is a value to be shared and lived every day.

SIPAT and SIPAT/MIN 2024

“Taking care of yourself is taking care of others. Safety starts with you.”

This was the theme of SIPAT – Internal Week for the Prevention of Workplace Accidents (for industrial units) and SIPAT/MIN – Internal Week for the Prevention of Workplace Accidents in Mining (for mining units), held in October at Rio Deserto.

The event featured a schedule of diverse topics involving the Health and Safety, Human Resources departments, and invited speakers. Key themes included teamwork

and leadership spirit, respiratory protection, active care, building trust in accident prevention, traffic safety, chronic diseases, among others.

The week was filled with interactive activities, prize raffles, parody contests, and various dynamics. Held annually, SIPAT and SIPAT/MIN are coordinated by SESMT (Specialized Services in Safety and Occupational Medicine).



Cipamin 2024

Three days of lectures and hands-on training in first aid, fire fighting, and much more—this was the 23rd edition of the Internal Commission for Accident Prevention in Mining (Cipamin) Seminar, held at SATC in 2024.

The event aimed to promote best practices in safety and health for workers and was targeted at miners and employees from the mining companies' internal safety committees (CIPAs).

The seminar was organized by the Regional Commission for the Mineral Sector (CRSM), with support from the Interstate Federation of Workers in the Coal Mining Industry of the States of PR, SC, and RS (FITIEC), the Santa Catarina State Coal Industry Union (Siecesc/Carvão+), and Satc, along with backing from regional coal companies.

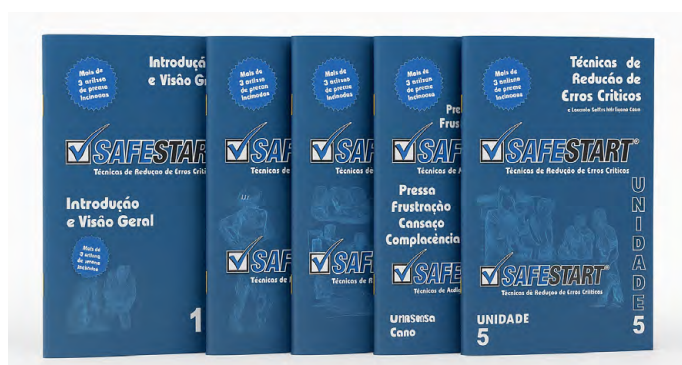
SafeStart program

In 2024, Rio Deserto implemented all five modules of the SafeStart Program across its operational units. Each module lasted two hours and was conducted on-site according to a scheduled timeline, during the months of April through August. All training sessions were delivered by Rio Deserto's own SafeStart facilitators employees who received specialized training and took on the responsibility of sharing knowledge with their colleagues.

The company reached an average of 93% of its workforce through the five modules, totaling over 6,000 hours of training.

The program included techniques and activities designed to strengthen awareness of task focus and safe behavior both on and off the job, aiming to reduce human errors—and consequently, injuries and incidents caused by states such as rushing, frustration, fatigue, and complacency.

SafeStart is a methodology developed in Canada and has already been implemented in over 3,500 companies across 60 countries. The program has been adopted by all companies in the coal sector.



Emergency drills

At Rio Deserto, safety is more than a requirement—it is a core part of the organizational culture. For this reason, the company provides diverse and up-to-date content on Occupational Health and Safety (OHS), promoting continuous awareness among all employees.

When working with contracted professionals, Rio Deserto requires risk assessments to be conducted before beginning any activity, along with the implementation of occupational risk management programs and other preventive measures.

This safety structure is reinforced by regular emergency drills and the Emergency Response Plan (PAE), which outlines strategies and actions for critical situations. The plan is built on hazard and risk identification, operational observations, document and legal reviews, inspections, procedure assessments, process mapping, and both internal and external audits.

The result is a safer environment, supported by practices that go beyond regulatory compliance placing life and well-being at the forefront.

Health promotion

At Rio Deserto, caring for people begins with health. Occupational health exams are a routine part of the company's health management system, ensuring that every stage of the employee journey hiring, job changes, return from leave, termination, or periodic follow-ups is conducted with responsibility and attention.

The issuance of the Occupational Health Certificate (ASO) follows the guidelines of the company's Occupational Health Medical Control Program (PCMSO), ensuring compliance and prevention.

But care goes beyond legal requirements. Rio Deserto also invests in initiatives that promote quality of life and overall well-being, reinforcing its commitment to a healthy, humane, and welcoming work environment.

Well-being

At Rio Deserto, caring for people goes beyond safety. It's a commitment to holistic health. The company continuously promotes awareness of physical and mental health through actions and programs conducted at its units.

More than colors on the calendar, these actions represent genuine care for life, well-being, and the dignity of every employee.

Themed campaigns throughout the year support this journey of care and information:



White January, focused on mental health



Green April, dedicated to the prevention of workplace accidents and occupational illnesses



Yellow September, focused on suicide prevention



Pink October, raising awareness of breast cancer



Blue November, for prostate cancer prevention



Red December, focused on the prevention of sexually transmitted infections (STIs)

Influenza vaccination

In 2024, Rio Deserto employees were vaccinated free of charge against the flu in another edition of the company's annual campaign, promoted by the medical department with support from SESI (Social Service of Industry).

More than just a health initiative, the influenza vaccination reflects a commitment to safer and healthier work environments. Recognized as the most effective form of prevention, the vaccine helps avoid the worsening of illness and serious complications caused by the flu virus protecting not only the employee but everyone around them.

**Taking care of health is
a way of valuing people.
At Rio Deserto, that is a
priority.**

Good Blood Buddy program

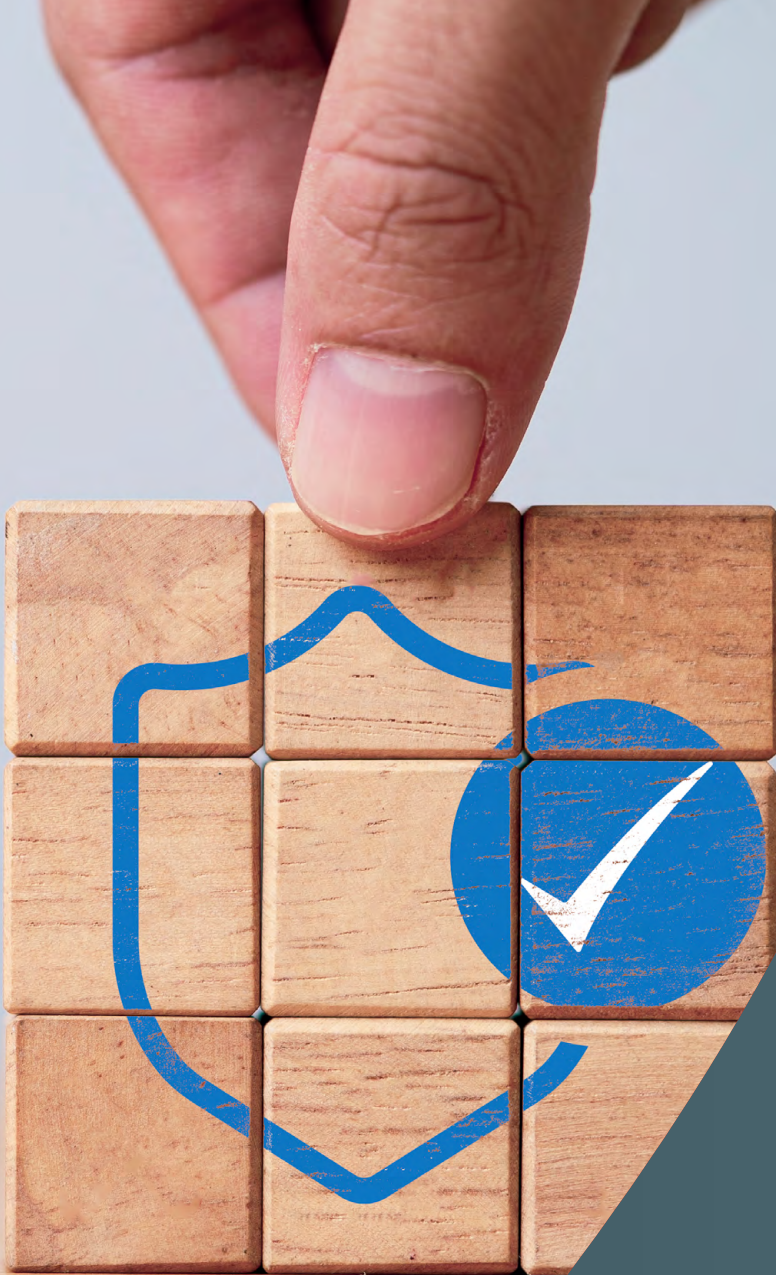
Donating is an act of love and at Rio Deserto, that act saves lives year-round.

Through the Good Blood Buddy Program, the company continuously raises awareness among employees about the importance of blood donation. This effort gains even more visibility in June and November, months that mark World Blood Donor Day and Brasil's National Blood Donor Day, respectively.

The program aims to encourage voluntary donation among employees and their families, fostering a habit of ongoing and compassionate giving.

The result of this solidarity network is a point of pride: more than 200 employees are registered as donors, and over 70 blood donations were made in 2024 alone through the Good Blood Buddy Program initiatives.





5. Governance

- _ Anti-corruption measures
- _ Data protection
- _ Certifications

ANTI-CORRUPTION

At Rio Deserto, acting with integrity is not just a legal obligation it is a principle that guides every decision and relationship. That is why the company promotes a culture of ethics and compliance that goes beyond merely following the law, reinforcing its Code of Ethics and Conduct at all organizational levels.

The company enforces clear internal regulations that guide its professionals in respecting legislation, court rulings, and the organization's core values: transparency, honesty, and loyalty. These guidelines also shape the company's interactions with stakeholders, strengthening a network of trust throughout the value chain.

From the beginning of their relationship with the company, employees receive training on the Code of Ethics and Conduct, formally committing to its standards and principles. This practice reinforces Rio Deserto's commitment to anti-corruption, transparent accounting, and the fight against bribery consolidating an ethical stance across all actions.



DATA PROTECTION

At Rio Deserto, information security is taken with the utmost seriousness. The company implements strict measures to ensure the privacy of personal data for all its stakeholders—employees, suppliers, clients, and partners—fully complying with Brasil's General Data Protection Law (LGPD) and digital governance best practices.

Since the LGPD came into effect, Rio Deserto established an internal committee dedicated to managing data and legal obligations, strengthening its governance over sensitive information. In addition, the company has implemented clear and objective policies to guide data security procedures and appropriate data usage across various scenarios.

Thanks to this proactive and committed approach, Rio Deserto has never recorded any complaints regarding privacy violations or data breaches.

The LGPD regulates processes such as the collection, storage, and sharing of personal information, giving individuals more security and control over their data. By respecting these regulations, Rio Deserto reaffirms its role as an ethical, trustworthy company that is aligned with the demands of today—and the responsibilities of the future.



CERTIFICATIONS

Integrated management system

In 2024, Rio Deserto once again had its commitment to operational excellence recognized: the company was recommended for the maintenance of the ISO 9001, ISO 14001, and ISO 45001 certifications—referring to quality, environmental, and occupational health and safety management systems. The audit was conducted by the independent certification body TÜV NORD Brasil – BRTÜV, part of the renowned German group TÜV NORD.

This recognition reaffirms Rio Deserto's position as a pioneer among coal mining companies in southern Santa Catarina, being the first in the region to obtain all three certifications. A milestone that reflects the company's commitment to continuous improvement and responsible management across all areas of its business.

Rio Deserto journey with ISO standards is long-standing: ISO 9001 and ISO 14001 have been maintained for nearly 15 years, demonstrating process consistency

and environmental responsibility. ISO 45001, achieved in 2021, replaced the former OHSAS 18001, which had been in effect since 2018—further reinforcing the company's focus on employee safety and well-being.

These pillars are consolidated in the company's Integrated Management System (SIG), which unifies the processes related to quality, environment, and occupational health and safety. The practices adopted meet the technical requirements established by certifying bodies, enabling not only the renewal of certifications but also the expansion of recognition on both national and international levels.

More than complying with standards, Rio Deserto proves—through these achievements—its professionals' dedication and its responsibility at every step of its operations, always guided by the principles of sustainability, innovation, and respect for life.



NBR ISO 9001:2015
Mina 101 Extraction Unit
Cruz de Malta Extraction Unit
Novo Horizonte Mine
RDLAB – Laboratory Reference Center
Correia Pinto Unit



NBR ISO 14001:2015
Mina 101 Extraction Unit
Cruz de Malta Extraction Unit
Novo Horizonte Mine



NBR ISO 45001:2018
Mina 101 Extraction Unit
Cruz de Malta Extraction Unit
Novo Horizonte Mine

More than simply meeting standards, Rio Deserto reaffirms its commitment to sustainability, innovation, and respect for life.

MAPA



RDLAB – Laboratory Reference Center is officially registered with the Ministry of Agriculture and Livestock (MAPA) as a provider of specialized services in fertilizer, inoculant, and soil corrective analysis. This credential reinforces the laboratory's technical competence and commitment to meeting the requirements of Brasil's agricultural sector.

MAPA, the agency responsible for developing public policies for Brasil's agricultural and livestock industries, also fosters agribusiness and regulates essential rural services. Recognition by the Ministry confirms RDLAB's alignment with the quality, safety, and trust standards demanded by the market.

With advanced infrastructure and a qualified team, RDLAB reaffirms its role as a strategic partner to agribusiness—delivering precise, reliable results in full compliance with current regulations.

IMA



RDLAB also holds a Certificate of Recognition for Water and Effluent Analysis issued by the Environmental Institute of Santa Catarina (IMA). This official recognition confirms that the laboratory operates in full compliance with the standardization norms applicable to testing and calibration activities, ensuring precision, reliability, and environmental responsibility.

The certification enhances RDLAB's credibility with environmental agencies and external entities, validating the technical quality and methodological rigor of its services. This seal of trust strengthens the laboratory's role as a reference in environmental analysis, directly contributing to the monitoring and preservation of water resources in the state.



GMP

In 2022, Ragro Minerais was recommended for the renewal of its GMP+B1 – Production, Trade and Services certification one of the most respected international quality assurance seals for companies supplying ingredients for animal feed. The audit was conducted by SGS, a globally renowned leader in inspection and certification services.

The GMP+ certification confirms compliance with strict international requirements for safety and quality, incorporating standards such as HACCP (Hazard Analysis and Critical Control Points), GMP (Good Manufacturing Practices), national legislation, EU regulations, and specific demands from clients in the sector.

Recognized worldwide, GMP+ is more than a certification it's a seal of trust that distinguishes companies committed to safety, traceability, and excellence in the animal nutrition production chain. With this achievement, Ragro reinforces its position as a reliable partner in the animal nutrition market, ensuring quality and safety at every step of the process.



Ecocert

Ragro Minerais is certified with the Ecocert Certificate of Conformity, which authorizes the marketing of products intended for organic agriculture. This quality seal proves that the company's products meet rigorous environmental standards and are aligned with the sustainable practices required by the sector.

Founded in France in 1991, Ecocert is one of the most respected international inspection and certification bodies. Its mission is to promote an agricultural model that values environmental preservation, biodiversity, and social responsibility.

With this certification, Ragro reinforces its commitment to a greener and more responsible future delivering solutions that respect nature and contribute to healthier, more conscious farming.



6. Sustainable relationships

- _ Communities
- _ Recognitions
- _ Valuing people

COMMUNITIES

In 2024, Rio Deserto turned commitment into action by strengthening ties with communities through donations and sponsorships. With a focus on social development, the company supported initiatives that make a meaningful difference in people's daily lives, continuing its dedication to projects and organizations that generate lasting and positive impact.



Support for organizations and projects

Supporting the social sector and solidarity-based initiatives is part of Rio Deserto's culture. In 2024, the company renewed monthly financial support agreements with seven organizations in Criciúma.

The renewed agreements include: Association for People with Physical Disabilities of Criciúma (Judecri), Instituto Show de Bola (a social, sports, and cultural initiative that serves children and adolescents), Associação Criciúma de Futsal, Women's Basketball (Associação Desportiva Cestinhas Criciúma), Association of Parents and Friends of People with Disabilities, (APAE Criciúma), Charitable Association Nossa Casa "Swimming for the Future" Project and Sociedade Recreativa Mampituba Triathlon School.

In addition to supporting these seven institutions, Rio Deserto also maintains a partnership with Hospital Nossa Senhora da Conceição in Urussanga. The company plays an active role in many other social efforts, including support for Bairro da Juventude and donations of resources and/or materials for educational, social, cultural and sports initiatives throughout the region.

Solidarity milk project

Donations from Rio Deserto's Solidarity Milk Project reached nearly 20,000 liters in 2024. The initiative benefited more than 20 organizations, as well as numerous families in the southern region of Santa Catarina. This marks the largest annual donation volume since the project began. The success of the initiative is the result of the ongoing partnership between Rio Deserto and its employees.

Every month, each Rio Deserto employee receives 24 liters of milk and has the option to donate part of it. Since 2015 when the project celebrated its 10th anniversary employee contributions have been matched by the company, doubling the impact. For example, if employees donate 100 liters in a month, the company contributes an additional 100 liters, allowing more families and organizations to benefit. The initiative is organized and coordinated by the Human Resources department, which oversees the logistics and distribution of the donations.



Organizations Benefited in 2024

- *Family Support Group of the Assembleia de Deus Church – Abecin (Criciúma)*
- *São Vicente de Paulo Retirement Home (Criciúma)*
- *Abba Pai Church (Criciúma)*
- *Association of Parents and Friends of People with Disabilities – APAE (Lauro Müller)*
- *Casa Maria Tereza – Cancer Patient Support House (Criciúma)*
- *Sementes do Futuro Soccer School (Criciúma)*
- *Bom Jesus Retirement Home (Criciúma)*
- *Volunteer Women of Mirassol (Balneário Rincão)*
- *Silva & Staviacz Inclusive Residence (Criciúma)*
- *GAPAC – HIV/AIDS Support and Prevention Group (Criciúma)*
- *Valentes da Davi Special Foster Home (Criciúma)*
- *Deus Proverá Social Project (Siderópolis)*
- *SOS Rio Grande do Sul*
- *Bairro da Juventude (Criciúma)*
- *Cantinho do Idoso Retirement Home (Criciúma)*
- *CRAS Vila Miguel – Social Assistance Reference Center (Criciúma)*
- *Casa da Infância (Criciúma)*
- *Maria & Maria Inclusive Residence (Criciúma)*
- *Abadeus Charity Association (Criciúma)*
- *CRAS – Social Assistance Reference Center (Treviso)*
- *Association of Parents and Friends of People with Disabilities – APAE (Criciúma)*
- *Pastoral Social of Içara (Içara)*
- *Nossa Casa (Criciúma)*
- *Diomício Freitas Institute of Special Education (Criciúma)*
- *CRAS Tereza Cristina – Social Assistance Reference Center (Criciúma)*

Helmet donation to the Içara Military Police

Rio Deserto donated four helmets to the Military Police of Içara. The equipment, customized and painted according to the standards of the Santa Catarina Military Police (PMSC), was delivered by Rio Deserto's Administrative Manager, Edvaldo Apolinário, and Financial Advisor, João Gabriel Pagnan Zanette.

The helmets were received by Lieutenant Colonel Eduardo Moreno Persson, Captain Valdir Cristóvão de Oliveira Júnior, and other military police officers at the 29th Military Police Battalion headquarters in Içara. The president of the Community Security Council (Conseg), Pedro Neves Marques, was also present at the handover.

According to the Santa Catarina Military Police, motorcycle patrols play a vital role in maintaining public order, offering agility and versatility in operations. The effectiveness of these patrols also depends on the quality of the equipment used especially helmets, which provide essential impact protection.



Solidarity in action: Rio Deserto mobilizes support for Rio Grande do Sul

In response to the tragic flooding caused by heavy rainfall in Rio Grande do Sul in 2024, Rio Deserto launched a major solidarity campaign to support affected families. The internal campaign, strongly supported by employees and reinforced by institutional efforts, resulted in the donation of more than 10 tons of supplies to the neighboring state — a testament to the company's ongoing commitment to social responsibility and empathy.

The donations included over 6,000 liters of drinking water, 900 liters of milk, food items, hygiene and cleaning products, clothing, blankets, and other personal essentials. Part of the items was delivered to a logistics company and another portion to a religious institution, which was responsible for sorting and organizing the donations before dispatching them to the most impacted regions. Some of the aid shipments were sent directly to the city of Estrela, one of the hardest-hit areas during the floods.





Targeted support for those in greatest need

In addition to general donations, Rio Deserto also responded to specific requests. A special shipment of personal hygiene products and underwear was sent to a shelter dedicated to women and children, following the company's awareness of the initiative through a regional mobilization effort.



A Collective Movement of Empathy

The success of this humanitarian campaign was the result of a united effort between engaged employees and a company that embraces its social role. Every liter of water, every piece of clothing, and every donated food item carried with it the hope of a fresh start for thousands of people.

RECOGNITIONS

In 2024, Rio Deserto stood out at regional, state, and national levels by receiving important awards for its projects and programs. The company's innovation and sustainability initiatives took center stage, reflecting its commitment to positive transformation, socio-environmental responsibility, and the ongoing pursuit of excellence.

2024 IEL Talent Award

Rio Deserto earned second place in the Large Innovative Company category at the 2024 IEL Talent Award on a state level. The award ceremony, organized by the Euvaldo Lodi Institute (IEL/SC), part of the Federation of Industries of the State of Santa Catarina (FIESC), was held during the IEL Summit in Joinville.

The company was represented at the event by HR analyst Alice Constantino Joaquim and intern Gustavo Borges. Key to winning the award were Rio Deserto's close ties with educational institutions and the active involvement of interns in social initiatives.

The IEL Talent Award recognizes the importance of internship programs in preparing students for the job market and encourages the development of talent in research, innovation, and professional growth.

IEL/SC is a vital partner for business development in Santa Catarina, helping companies generate new ideas through the exchange of innovation best practices and the recruitment of promising professionals.

Rio Deserto's Internship Program has received widespread acclaim over the years. It was recognized with the IEL Award in the Innovative Company category in both 2022 and 2023. In 2020, the company won the title by showcasing the digital transformation of its internship practices. In 2018, the Metallurgical Unit received first place statewide. In 2016, Rio Deserto not only earned top recognition at the state level but was also awarded the IEL National Award for Best Internship Practices.



2024 Ser Humano SC Award

With the project “Paths and Choices – Career Guidance for Employees and Their Families”, Rio Deserto was recognized with the 2024 Ser Humano SC Award in the People Management – Development category. The award ceremony, organized by the Brazilian Association of Human Resources – Santa Catarina Chapter (ABRH-SC), took place in Camboriú.

A traditional and prestigious award in the state, the Ser Humano SC Award honors leading initiatives in the field of people management. In 2024, more than 180 case studies were submitted by over 100 companies from Santa Catarina, across categories such as Development, Organizational Excellence, ESG, and Youth. The evaluation was carried out by more than 150 judges.

The Ser Humano SC Award recognizes students, professionals, and public and private companies that have made significant contributions to the advancement of people management practices, aiming to foster both human and organizational development. The award seeks to nurture an innovative and collaborative community that brings together diverse stakeholders in the evolving world of work.

The awarded project, “Paths and Choices”, is an initiative designed to provide career guidance to help youth and adults choose a field of study and professional path. The action is structured in stages that include one-on-one guidance, workshops, lectures, and hands-on activities, promoting informed and confident career decisions. The program is available to employees and extended to their family members, with the goal of fostering self-awareness, understanding of professional fields and the job market, and encouraging educational choices aligned with personal interests and abilities.

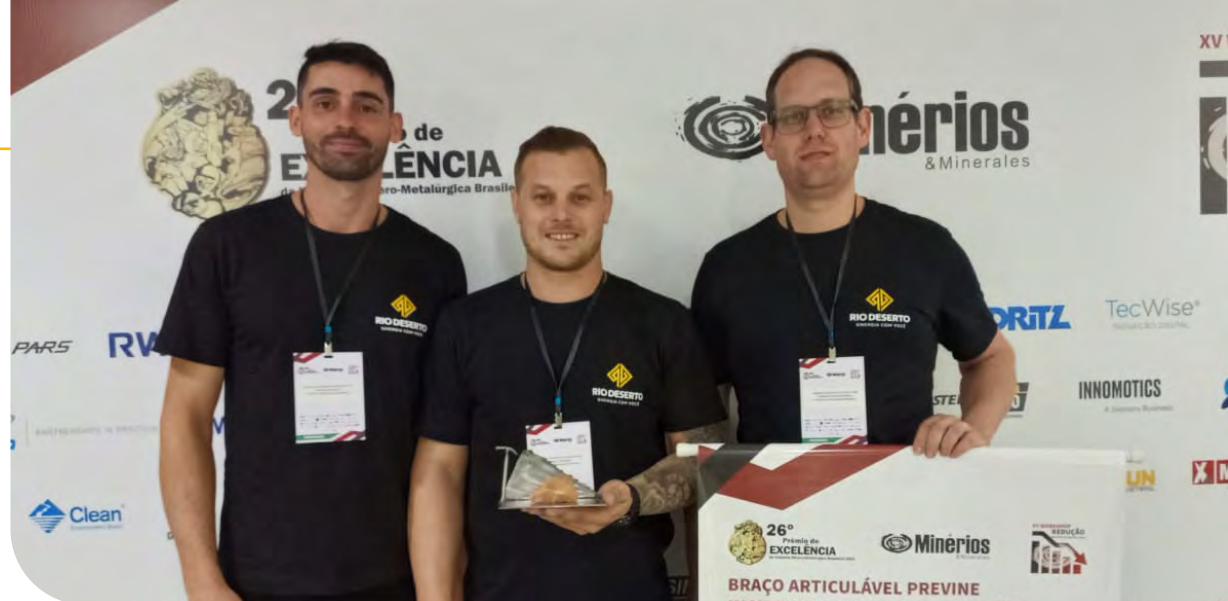


2024 Brazilian mining and Metallurgical Industry excellence award

An improvement carried out by employees earned Rio Deserto the Brazilian Mining and Metallurgical Industry Excellence Award 2024. The national title was presented during a ceremony in Belo Horizonte (MG). This was the 13th time Rio Deserto stood out in the award.

Rio Deserto's project, "Articulated arm for removal and insertion of the cover and gear assembly of the continuous miner's traction box", was developed at the Mina 101 Extraction Unit, in Içara, through the Innovation and Quality Program (PIQ), which encourages employees to develop improvement projects within their areas of expertise.

The Brazilian Mining and Metallurgical Industry Excellence Award is held annually and highlights the best projects related to productivity increase, growing use of automation and digital technologies, cost reduction, innovation, processes, and concepts applied in mining companies across Brasil.



About the award

In underground coal mining, the continuous miner is used for ore cutting. This large-scale technology reduces the use of explosives and enhances mine safety. At Rio Deserto's Extraction Unit Mina 101, an articulated arm was developed for the removal and insertion of the cover and gear set of the continuous miner's traction box.

The project has brought significant improvements to assembly and disassembly operations, with positive impacts on employee ergonomics and consequently, compliance with Regulatory Standard No. 17 (NR-17) – which establishes parameters to adapt working conditions to workers' psychophysiological characteristics. The initiative has contributed to reducing incidents and the risk of falling parts, ensuring a safer and more efficient work environment.



Santa Catarina improvement ideas award

Two projects developed at Rio Deserto's Extraction Unit Mina 101 were recognized with the Santa Catarina Improvement Ideas Award (PCIM) 2024, promoted by the Santa Catarina Center for Quality Control Circles (CCQ). The presentation and award ceremony took place during the State Congress of Improvement Teams, in the city of São José.

In the Health and Safety category, the company won first place with the project "Drill Hole Sealing." In the Environment category, Rio Deserto achieved third place with the project "Traffic Road Humidification through Sprinklers."

The Santa Catarina Improvement Ideas Award (PCIM) is held annually by the Santa Catarina Center for Quality Control Circles (CCQ). The initiative brings together projects from various sectors across the state of Santa Catarina and is divided into the categories of Quality and Productivity, LEAN, Health and Safety, and Environment.

The Santa Catarina Center for Quality Control Circles (CCQ) was founded in 1999 with the purpose of strengthening Quality Management Systems and is composed of companies that believe in valuing teamwork to promote sustainable development.

Santa Catarina Social Responsibility Certification

For the 12th time, Rio Deserto received the Social Responsibility Certificate, awarded by the Legislative Assembly of the State of Santa Catarina (Alesc). This recognition reaffirms the company's commitment to sustainable development, with socio-environmental responsibility integrated into its management policies. The award ceremony took place in Florianópolis.

The Santa Catarina Social Responsibility Certification underscores Rio Deserto's dedication to aligning its management practices with the SDGs (Sustainable Development Goals) and ESG (Environmental, Social, and Governance) principles, aiming to contribute to a socially fair and sustainable future.

To earn this certification, the company demonstrated the implementation of social

and environmental actions through data and the submission of its 2023 Sustainability Report.

The Santa Catarina Social Responsibility Certification has been promoted by the state parliament and partner institutions since 2011, with the goal of highlighting organizations that incorporate socio-environmental responsibility into their management policies.



ODS Seal 2024

The commitment to sustainable development earned the 2024 ODS Seal for Indústria Carbonífera Rio Deserto and Ragro Minerais (Rio Deserto's agribusiness unit). The award ceremony was held at the Criciúma Business Association (Acic). In total, over 70 signatories of the Criciúma ODS Committee were recognized.

The renewal of the seal confirms that the organizations are fulfilling their commitments to the ODS (Sustainable Development Goals) Santa Catarina

National Movement. Rio Deserto has been a signatory since 2020, being the first coal company in Southern Santa Catarina to join the movement. Ragro Minerais joined in early 2022.

The ODS is a nonpartisan, pluralistic, and ecumenical social movement. It aims to fulfill the commitments of the 2030 Agenda for Sustainable Development, approved by UN member countries during the 70th General Assembly held in 2015 in New York.



Friend of the Environment Seal

Rio Deserto was awarded the 2024 Friend of the Environment Seal, an initiative of the Municipal Government of Criciúma, conducted through the Department of Environment (DMACRI). To obtain the title, the company demonstrated good environmental practices through documentation and a technical visit.

One of the prerequisites for earning the seal was also Rio Deserto's status as a signatory of the ODS (Sustainable Development Goals) National Movement. Additionally, the company presented its 2023 Sustainability Report.

Social Innovation Seal

The Abadeus Beneficent Association of Criciúma awarded Rio Deserto the Social Innovation Seal. The recognition acknowledges the company's contribution and support to the projects developed by the institution. The certificate was presented to Rio Deserto during a meeting held at the Criciúma Business Association (Acic).

Rio Deserto was one of the supporting companies of the International Social Innovation Forum. In 2024, the event took place on April 23 and 24 at Acic, bringing together over 800 participants. During the two-day event, national and international lectures were held, focusing on innovative practices in social and economic sustainability.

Abadeus has been active for over 60 years and offers several social programs, including professional training, digital inclusion, the Young

Apprentice Program, music and audiovisual workshops, dental care, emergency support, among others. These projects aim to promote citizenship for participants and their families, empowering them as transformative agents of society.



Içareense Highlight Trophy

For the 13th time, Rio Deserto was honored with the Içareense Highlight Trophy. The recognition was based on the performance and contribution of the Mina 101 Extraction Unit to the development of the municipality of Içara. At the ceremony, the company was represented by engineer Adriel Constantino Machado.

The initiative is organized annually by Jornal Içareense and aims to recognize companies and organizations based in Içara.



Recognition for Work Ethics

Rio Deserto was recognized by Verallia Brasil as a supplier committed to Work Ethics. Verallia is a multinational company in the glass sector. Rio Deserto supplies fluxing agents through its Correia Pinto unit, located in the Serra Catarinense region. This is the second time Rio Deserto has received recognition from Verallia Brasil.

The Corporate Social Responsibility event takes place annually at all Verallia units. Its purpose is to encourage and support suppliers in continuous improvement, focusing on sustainability. To measure and quantify these indices, the multinational uses a platform where suppliers answer questions and provide evidence of their actions.



Recognition from ABM

The Brazilian Association of Metallurgy, Materials and Mining (ABM) granted recognition to Rio Deserto during the 8th edition of ABM Week, held in São Paulo in 2024. The title was awarded following the presentation of a paper on the use of the mineral Nepheline in the steel industry.

The awarded paper, published in English, was authored by PhD in Metallurgical Engineering Dr. Antonio Malynowskyj, with co-authorship from Rio Deserto's technical team, especially from the Research & Development sector. The company was recognized in the category "2024 Thematic Technical Recognition – Usiminas Innovation Award."

Nepheline, the mineral studied in the award-winning paper, is extracted and processed by Rio Deserto in the Serra Catarinense region, through the RBM Mineral Processing unit. In addition to the steel industry, Nepheline is also a raw material for the ceramics industry.



In the same region, phonolite is also extracted and processed for use in the glass industry.

Considered the largest technical-scientific event in Latin America in the fields of metallurgy, materials, and mining, ABM Week aims to promote technological exchange, industrial development, and improve the competitiveness of companies in the sector.

Recognition from ACIC

Rio Deserto was one of the companies honored during the event celebrating the 80th anniversary of the Criciúma Business Association (ACIC) in 2024, held at the organization's headquarters.

During the ceremony, all former presidents of the association were recognized, along with over 60 companies, entities, and institutions with more than 40 years of activity and at least 25 years as ACIC members.

The recognition highlighted the company's contribution to ACIC's journey of achievements, as well as its commitment to regional socioeconomic development.

Currently, ACIC has more than 2,000 members, ranging from individual microentrepreneurs to large corporations and professionals operating in the industry, commerce, and service sectors. The association is a benchmark throughout the state of Santa Catarina, known for its strong spirit of cooperation and business unity.



Recognition from Hemosc

Rio Deserto received the certificate of partner company from Hemosc Criciúma. The recognition was presented during a celebration for the 2024 "Padrinhos Project." On the occasion, the company was represented by professionals from the health and safety department.

The certificate, signed by Hemosc's general director, Patrícia Carsten, reaffirms Rio Deserto's commitment to social responsibility. "Your contribution helps save lives and inspires hope in our community," reads one of the quotes on the document.

Currently, more than 200 Rio Deserto employees are registered as blood donors. In 2024 alone, over 70 donations were made thanks to the company's encouragement. Donating employees also receive personalized gifts as an additional token of appreciation.





VALUING PEOPLE

In 2024, Rio Deserto placed people at the heart of its actions, strengthening bonds and promoting moments of celebration and recognition. Special dates such as International Women's Day, Mother's Day, Father's Day, and Christmas took on even greater meaning through initiatives filled with care and emotion. In addition, the company continued to invest in projects that brought employees and their families closer together, creating connections that go beyond the workplace.

Recognition for years of service

Rio Deserto honored more than 50 employees for their years of service with the company. The seventh edition of the “Café & ValoRHumano” event recognized workers who completed 10, 15, 20, 40, and 55 years of work between July 1, 2023, and June 30, 2024.

The tributes were attended by family members, coordinators, managers, superintendents, advisors, and administrators from Rio Deserto. At the company, recognitions begin when an employee reaches 10 years of service and continue every five years until retirement. The initiative is part of the Human Resources department’s annual calendar of activities.

The ValoRHumano project aims to value and recognize employees for their years of service, as well as those reaching retirement. Recognition for years of service takes place annually, while retirement tributes are held on the specific date at the unit where the employee performed their duties.





“Drawing Christmas at Rio Deserto” Contest

The creativity of employees’ children shone in the 11th edition of the “Drawing Christmas at Rio Deserto” Contest, held in 2024. Over 50 drawings were submitted under the theme “Christmas is Love,” with three winners selected in each category (ages 4–6, 7–9, and 10–12). The winning artworks were featured on the company’s traditional holiday cards, which

were distributed to employees, clients, and suppliers.

The “Drawing Christmas at Rio Deserto” contest is organized annually by the Human Resources department with the aim of encouraging children’s participation and strengthening the bonds within the Rio Deserto family.

Category 4 to 6 years

Lorena Pereira Candido

Daughter of Renato Cândido Junior
(Mina Cruz de Malta Extraction Unit)

Heloisa Corrêa Citadin

Daughter of Jean Carlos Citadin (Ragro Unit)

Liz Elias Gabriel

Daughter of Fabiano da Silva Gabriel
(Mina 101 Extraction Unit)

Category 7 to 9 years

Helena Perito de Souza

Daughter of Lucas Roussenq de Souza
(Metallurgical Unit)

Breno Allamini Patel

Son of Daniel Patel (Novo Horizonte Unit)

Alice Rodrigues Rabelo

Daughter of Guilherme Rabelo (Mina 101 Extraction Unit)

Category 10 to 12 years

Heloísa Demétrio Nunes

Daughter of Luciano Freitas Nunes (Mina 101 Extraction Unit)

Chrystofer Pereira

Son of Chrystian Patrick Pereira
(Metallurgical Unit)

Miguel Henrique Silva Carrion

Son of Elisângela da Silva Carrion (Mina 101 Extraction Unit)



Innovation and Quality Program (PIQ)

Rio Deserto honored employees for the development of improvement projects through the Innovation and Quality Program (PIQ). The awards ceremony and presentation of the ideas took place at the Criciúma Business Association (Acic) and gathered over 300 attendees, including company employees and their families. In total, more than R\$ 30,000 was awarded in prizes.

The presentations featured videos, theatrical performances, and a variety of creative ideas. Enthusiastic cheering sections from each company unit energized the event. Ten finalist projects, divided into the categories of “Quality,” “Safety,” “Environment,” and “Social Responsibility,” were evaluated by a panel of judges. Winning teams received R\$ 5,000. Runners-up were awarded R\$ 3,000. Third place received R\$ 1,000, and fourth place, R\$ 500. The most spirited cheering sections were also rewarded with R\$ 2,000. Additionally, several prizes were raffled off during the event.

Rio Deserto’s Innovation and Quality Program (PIQ) has been in place since 2003 and aims to encourage employees to use quality tools to solve problems and implement improvements in processes, the work environment, quality, productivity, innovation, the environment, safety, education, cost reduction, waste reduction, among others. The goal is to foster employee growth while promoting the company’s and society’s progress through continuous improvement.



Miners' Mass

In April 2024, Rio Deserto employees participated in the religious celebration honoring miners, held at the Sanctuary of the Merciful Sacred Heart of Jesus in Içara. The ceremony was part of the Divine Mercy Feast, an annual event held during the week following Easter. This marked the third consecutive year that the coal sector was honored during the celebration.

Wearing work uniforms, helmets, and headlamps, the miners entered the sanctuary carrying flags of the municipalities where mining operations are present, as well as banners of the companies they represent. They also brought an image of Saint Barbara, the

patron saint of miners, and a replica of a locomotive symbolizing coal transportation. One of the most emotional moments was the Blessing of the Helmets, when miners from all coal companies gathered around the altar.

The celebration was presided over by Dom Ângelo Ademir Mezzari, Auxiliary Bishop of the Archdiocese of São Paulo (SP). The Divine Mercy Feast begins on Easter and ends a week later, on Divine Mercy Sunday. This day was instituted by Pope John Paul II to honor the Merciful Sacred Heart of Jesus, the patron of the Sanctuary in Içara.

Operational and financial performance

From January 1, 2024 to December 31, 2024

Economic and Financial Data	R\$
Sales Revenue	446.015.865,33
Payroll	62.708.818,04

Internal Social Indicators	R\$
Food Allowance	2.961.188,08
Social Charges	27.320.013,74
Health	1.509.534,24
Occupational Health and Safety	1.027.374,78
Education	2.087.036,97
Training and Professional Development	318.738,84

External Social Indicators	R\$
Federal Taxes	13.825.768,13
State Taxes	7.410.203,05
Municipal Taxes	4.445.439,25

Environmental Indicators	R\$
Business Operations	5.221.907,48
Environmental Remediation	1.843.199,98

Mineral Reserves	Toneladas
Coal	32.389.168
Other Minerals	23.126.551

Investments	R\$
Machinery and Equipment	6.354.828,63
Industrial Facilities	5.355.045,75
Buildings	556.728,27
Furniture and Tools	10.000.000,00
Equipamentos e Softwares	122.079,28
Vehicles	233.493,07
Mineral Reserves	1.215.672,47
Product Developments	1.980.000,00

Calculation Basis	R\$
Gross Revenue	446.015.865,33
Net Revenue	425.413.238,59
Operating Revenue	407.757.243,22

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