

A close-up photograph of a woman with dark hair, smiling warmly. She has red and white traditional face paint on her cheeks and chin. She is wearing a vibrant, multi-colored beaded necklace with yellow, green, red, and blue beads, and a blue top. The background is a soft-focus outdoor setting with green foliage.

2022

OUR YEAR OF
PLANTING SEEDS FOR
SUSTAINABLE GROWTH

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List of Acronyms

English translations are provided for entities whose original titles are in Spanish.

ACRONYM	SPANISH	ENGLISH
AIME	Asociación de Ingenieros Mineros del Ecuador	Association of Mining Engineers of Ecuador
ARCERNNR	Agencia de Regulación y Control de Energía y Recursos Naturales No Renovables	Agency for the Regulation and Control of Energy and Non-Renewable Natural Resources
BARS	Norma Básica de Riesgo de Aviación	Basic Aviation Risk Standard
CAN	Comunidad de Naciones Andinas	Andean Community of Nations
CEDEAL	Centro Ecuatoriano de Desarrollo y Estudios Alternativos	Ecuadorian Centre for Development and Alternative Studies
CEFAS	Coordinación de Equidad, Formación y Acción Social de Morona Santiago	Morona Santiago Equity, Training and Social Action Coordinating Body
CFPOA	Ley de Corrupción de funcionarios Públicos Extranjeros de Canadá	Canada's Corruption of Foreign Public Officials Act
CME	Camera de Minería del Ecuador	Chamber of Mining of Ecuador
COOPERCO	Cooperativa de Ahorro y Crédito ERCO Ltda.	ERCO Ltd. Savings and Credit Union
COP	Conferencia de las Naciones Unidas sobre el Cambio Climático	UN Conference of the Parties
CPI	Índice de Percepción de la Corrupción de Ecuador	Corruption Perception Index of Ecuador
CSR	Responsabilidad Social Corporativa	Corporate Social Responsibility
DEI	Diversidad, Equidad, Inclusión	Diversity, Equity, and Inclusion
DOA	Delegación de Autoridad	Delegation of Authority
EITI	Iniciativa de Transparencia de las Industrias Extractivas	Extractive Industries Transparency Initiative
EMP	Plan de Manejo Ambiental	Environmental Management Plan
ENVIGMU	Encuesta Nacional sobre Violencia de Genero contra Mujeres	National Survey on Family Relations and Gender Violence against Women
ESG	Ambiente, Social, Gobernanza	Environment, Social, Governance
ESPOCH	Escuela Superior Politécnica de Chimborazo	Chimborazo Polytechnic College
FDMS	Federación Deportiva de Morona Santiago	Morona Santiago Sports Federation
GAD	Gobierno Autónomo Descentralizado	Decentralized Autonomous Government
GDP	Producto Interno Bruto	Gross Domestic Product
GRI	Iniciativa de Reporte Global	Global Reporting Initiative
FUNDER	Fundación Educativa Monseñor Cándido Rada	Monsignor Cándido Rada Educational Foundation
IBA	Acuerdo de Impactos y Beneficios	Impact and Benefits Agreement
IKIAM	Universidad Regional Amazónica IKIAM	IKIAM Regional University of the Amazon
INEC	Instituto Nacional de Estadística y Censos	National Institute of Statistics and Census
IUCN	Unión Internacional para la Conservación de la Naturaleza	International Union for Conservation of Nature
ISO	Organización Internacional de Normalización	International Standards Organization
KPI	Indicador Clave de Rendimiento	Key Performance Indicator

List of Acronyms

English translations are provided for entities whose original titles are in Spanish.

ACRONYM	SPANISH	ENGLISH
LATAM	Latinoamérica	Latin America
LPRM	Mecanismo de Reporte de Adquisiciones Locales	Local Procurement Reporting Mechanism
MAATE	Ministerio de Ambiente, Agua y Transición Ecológica	Ministry of Environment, Water and Ecological Transition of Ecuador
MAG	Ministerio de Agricultura y Ganadería	Ministry of Agriculture and Livestock of Ecuador
MEDEVAC	Evacuación Médica	Medical Evacuation
MERNRR	Ministerio de Recursos Naturales No Renovables de la República del Ecuador	Ministry of Non-Renewable Natural Resources of the Republic of Ecuador
MI	Ministerio del Interior	Ministry of the Interior of Ecuador
MIESS	Ministerio de Inclusión Económica y Social	Ministry of Economic and Social Inclusion of Ecuador
MSP	Ministerio de Salud Pública	Ministry of Public Health of Ecuador
MSV	Valor Compartido en Minería	Mining Shared Value
MT	Ministerio de Trabajo	Ministry of Labour of Ecuador
PDAC	Asociación de Prospectores y Desarrolladores de Canadá	Prospectors and Developers Association of Canada
PECC	Programa Ecuador Carbono Zero	Carbon Zero Program of Ecuador
PPC	Proceso de Participación Ciudadana	Citizen Participation Process
RTL	Requisitos Técnicos Legales	Legal Technical Requirements
SASB	Consejo de Normas Contables de Sostenibilidad	Sustainability Accounting Standards Board
SDG	Objetivos de Desarrollo Sostenible	Sustainable Development Goals
SECAP	Servicio Ecuatoriano de Capacitación Profesional	Professional Training Service of Ecuador
SEDAR	Sistema de Análisis y Recuperación de Documentos	System for Electronic Document Analysis and Retrieval
SRI	Servicio de Rentas Internas	Internal Revenue Services
SSOTER	Seguridad y Salud Ocupacional - Transformando el Esfuerzo en Reconocimiento	Occupational Health and Safety - Transforming Effort into Recognition
SVP	Sceptre Ventures Inc.	Sceptre Ventures Inc.
UNGC	Pacto Global de las Naciones Unidas	United Nations Global Compact
UTPL	Universidad Técnica Particular de Loja	Loja Private Technical University
WCS	Sociedad de Conservación de la Vida Silvestre	Wildlife Conservation Society
WEP	Principios de Empoderamiento de la Mujer	Women's Empowerment Principles
WIM	Mujeres en Minería	Women in Mining



Daniel Earle

President and CEO, Director
Solaris Resources Inc.

Letter from the CEO

2-22: Statement on sustainable development strategy

We are pleased to present our second Sustainability Report, solidifying our commitment to annual sustainability reporting and strengthening transparency with our stakeholders. Our primary goal is to increase our number of initiatives while improving transparency and accountability in our environmental, social, and governance practices. This year's report is aligned with the Global Reporting Initiative standards and represents a significant achievement for our company, while remaining committed to our core principles: good governance, environmental stewardship, and co-development. Our sustainability strategy, centred around these guiding principles, continues to shape our corporate culture and drive our innovative Participatory Mining Model at the Warintza Project.

Throughout the year, we engaged extensively with stakeholders at the local, national, and international levels, working together to pave the way for long-term economic development in the Warintza Project area and Ecuador as a whole.

Generating economic opportunities for communities near the Warintza Project has remained the issue of greatest interest for local stakeholders. In 2022, our local employment and procurement strategies yielded strong results as we improved our community investment mapping efforts. It is with immense pride that we highlight that 89% of our employees originate from the Amazonia region, with 100% employment from within the immediate Warintza Project area, reflecting our commitment to local empowerment and community engagement.

Our dedicated workforce contributed a remarkable 1,709,535 working hours in addition to receiving training in diversity, equity, and inclusion, sustainability, corporate policies, and workplace mechanisms.

We firmly believe in making a positive impact, which is why we invested over US\$3 million in social and development programs, actively contributing to the well-being and growth of the communities within our area of influence. Furthermore, our purchases amounted to over US\$41 million, underscoring our commitment to local sourcing and responsible procurement.

Our contribution to the United Nations Agenda and its Sustainable Development Goals has remained steadfast through our five community-based sustainable development action programs, which contribute both directly and indirectly to economic growth in the project's areas of influence. These programs include Warintza Deporte (sports), Warintza Educa (education), Warintza Emprende (entrepreneurship), Warintza Mujer (gender equity), and Warintza Verde (environmental stewardship).

In addition, we developed and implemented a Biodiversity and Ecosystem Management Strategy and publicly reported on water performance and management, and energy reduction strategies. Collaboration with the Wildlife Conservation Society allowed us to achieve 62% of project completion while integrating international biodiversity management standards and reducing impacts on biodiversity during our exploration activities.

As we reflect on our accomplishments in this report, we also envision a more impactful 2023. Looking ahead, our overarching objective over the next three to five years is to become a sustainability leader in the mining industry in Ecuador. Our immediate focus will be on enhancing our environmental stewardship by reducing our ecological footprint to the minimum possible, reducing emissions, and optimizing resource management. We seek to reduce emissions by at least 9% by 2025, in line with Ecuador's national commitment.

We will continue to nurture strong partnerships with local communities, governments, and NGOs to foster inclusive growth, create employment opportunities, and empower local economies. Our commitment to responsible mining practices will remain unwavering, as we strive to exceed regulatory requirements and pioneer innovative solutions for sustainable resource exploration.

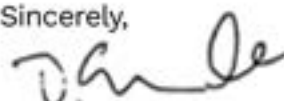
Additionally, we will invest in social development initiatives prioritizing education, healthcare, and infrastructure within the Warintza Project's direct area of influence. We will actively collaborate with other stakeholders, ensuring that the Warintza Project creates a platform for broader-based, inclusive, and sustainable economic development for the province of Morona-Santiago and throughout Ecuador.

Through these concerted efforts, we aspire to become a benchmark for sustainable mining practices within our industry. We envision a future where exploration in Ecuador becomes a catalyst for sustainable progress. We are dedicated to unlocking the hidden potential of Ecuador's rich natural resources while embracing responsible practices that prioritize environmental preservation and social welfare. Together, we explore not only minerals but also opportunities for growth, prosperity, and lasting partnerships. Our exploration endeavours will pave the way for a brighter future, where Ecuador's untapped treasures are harnessed with integrity, innovation, and a profound respect for the land and its people.

Together with our diverse workforce, strong community partnerships, and adherence to international standards, we are poised to create shared value, foster sustainable growth, and shape the future of responsible mining.

We invite you to explore our Sustainability Report and learn more about the progress achieved in 2022. We are proud of our accomplishments for the year, and we have also identified areas for increased focus in future years. We welcome your feedback and have provided contact information at the end of this report.

Sincerely,



Introduction

2-2: Entities included in the organization's sustainability reporting
 2-3: Reporting period, frequency, and contact point
 2-4: Restatements of information
 2-5: External assurance
 2-29: Approach to stakeholder engagement
 Requirement 8: Provide a statement of use.
 Local Procurement and Resource Management (LPRM) 101

This is Solaris Resources Inc.'s ("Solaris" or the "Company") second Sustainability Report prepared in accordance with the Global Reporting Initiative (GRI) Standards Core Option and in adherence to established principles for report content and quality. The primary focus of this report is on the globally recognized environmental, social, and governance (ESG) disclosures of our operations at the Warintza Project ("Warintza" or the "Project") in the Limón Indanza canton of Morona-Santiago Province in Ecuador, our principal asset, covering the period from January 1, 2022, to December 31, 2022. All dollar amounts are stated in U.S. dollars (USD) unless otherwise indicated. The GRI standard disclosure numbers for each section are listed at the top of the section, as well as relevant United Nations Sustainable Development Goals (SDGs) numbers.

The Warintza Project is anchored by a world class large-scale mineral resource with expansion and discovery potential. Key to its success is a community-focused

strategy that emphasizes transparent dialogue, implementing innovative corporate social responsibility (CSR) programs, and employing the participatory Warintza Model for sustainable socio-economic development. This report, intended for all our stakeholders, showcases the joint progress with our Indigenous Peoples community partners, the Shuar Centers of Warints and Yawi. It is essential for us to document our commitment to collaborating with these local communities in the areas of influence of our Warintza Project, a commitment that serves as the cornerstone of our Warintza Participatory Mining Model. This means facilitating two-way knowledge exchanges between the communities and the Company and developing a relationship-based, responsible exploration and mining model in Ecuador for mutual benefit, aligned with global sustainability metrics.

Our goal is to share our unwavering belief in genuinely responsible mining practices,

developed in co-creation with our Shuar partners on whose traditional lands the Warintza Project lies.

The content of this report, along with many of our sustainability initiatives, is based on the results of our materiality assessment, a process initiated in 2021. While materiality serves as a crucial input into our reporting and disclosure strategy, it is not the sole consideration. The content of the report also reflects the interests and requirements of ESG ratings and rankings, as well as other non-financial disclosures.

Solaris's objective for this Sustainability Report is to address the interests of stakeholders by covering our most material topics and discussing additional topics that align with our corporate priorities and ESG-related strategies. This includes a specific focus on our Warintza Project's Participatory Mining Model.

This Sustainability Report has not undergone external assurance. The report was

approved by senior management and the Board of Directors (the “Board”) before publication. There have been no restatements of information from prior reporting periods.

As a responsible mining company, Solaris is dedicated to ensuring that our operations not only create economic value but also uphold the highest standards of governance, environmental stewardship, and social responsibility. This report emphasizes our advancements, accomplishments, and challenges in three critical areas: governance, environmental stewardship, and co-development and social responsibility.

Governance

At Solaris, strong and equitable governance practices are integral to our operations. We adhere to principles of transparency, accountability, and ethical decision-making, all of which are grounded in a profound respect for the rights of the Indigenous communities with whom we collaborate and whose lands we work on. In this report, we offer insights into our corporate governance framework, policies, and procedures that steer our decision-making processes. We emphasize risk management, compliance, and the maintenance of effective internal controls to safeguard our stakeholders’ interests. By prioritizing good governance, we seek to ensure the long-term sustainability and resilience of our business.

Environmental Stewardship

Environmental responsibility is at the heart of Solaris’s operations. We are dedicated to minimizing our ecological footprint and safeguarding natural resources for future generations. In this report, we detail our strategies and initiatives aimed at reducing greenhouse gas emissions, conserving water, and responsibly managing waste. Our commitment involves adopting top-tier environmental management practices and embracing innovation to mitigate the impact of our activities. We recognize the significance of biodiversity preservation, in tandem with cultural conservation, and we actively work to mitigate any potential environmental risks.

Co-Development and Social Responsibility

We recognize the importance of fostering positive relationships with our partner communities, employees, and all other stakeholders. Solaris is dedicated to creating enduring social impacts through innovative and locally generated initiatives. This report highlights our efforts to enhance employee well-being, bolster resilient local communities, and foster meaningful partnerships. We believe in nurturing and empowering local economies; ensuring access to education, healthcare, and decent work; and respecting the cultural heritage of the regions in which we operate. We take pride in the positive changes we have initiated in

co-creation with partner communities and remain resolute in our commitment to continuously enhance our social performance.

As you read this report, we trust you will gain a comprehensive grasp of our dedication to sustainability and the strides we have made in governance, social initiatives, and environmental practices. We remain committed to leading positive change in the mining industry and building a more sustainable future.

Should you wish to obtain more in-depth information on any of the topics addressed in this report, please contact Investor Relations at info@solarisresources.com.

How We Define “Local”

Solaris has implemented a structured ring system centered around the Warintza Project area of influence. These concentric rings serve as a tangible representation of our precise definition of “local” regions, as described on page 129 (Figure 10). The formulation of these rings is the outcome of our extensive community engagement process, meticulously harmonized with the administrative framework of Ecuador. This strategic approach enables us to precisely outline and assess the geographical extent and impact of our local engagement endeavors, reinforcing our dedication to fostering positive relationships and sustainable development within the communities we operate.



2022 Sustainability Highlights

Made over \$41 million of procurement purchases, with \$21 million sourced from within the direct area of influence of the Warintza Project in Ecuador (Ring 1; refer to page 129 on how we define local), representing a 400% increase from 2021

Distributed over \$5 million in employee salaries and benefits, representing a 25% increase from 2021

Paid over \$0.7 million in taxes to the Government of Ecuador

89% of employees overall originated from the Amazonia Region in Ecuador

Recorded a total of 1,709,535 working hours at the Warintza Project

Invested over \$3 million in social and development programs for the communities in the Warintza Project's direct area of influence

Initiated the implementation of a carbon reduction strategy

By December 2022, achieved 62% project completion of the Biodiversity and Ecosystem Management Strategy for the Warintza Project in partnership with the Wildlife Conservation Society, establishing key environmental management tools that integrate international standards aimed at mitigating impacts on biodiversity during initial exploration activities

100% of workers covered by medical care and life insurance policy

100% of employees and contractors trained in the Company's Human Rights Policy, Code of Conduct and business ethics, and anti-corruption practices

Carried out a diversity, equity, and inclusion (DEI) campaign to train 100% of employees on the Company's DEI Policy and Workplace Harassment Grievance Mechanism

Over 80% of employees participated in DEI analysis survey

Over 400 employees participated in sustainability training and workshops

630 community members participated in the Citizen Participation Process

Facilitated multiple guided tours of the Company's core shack for various stakeholders from the local community as well as public and private entities raising awareness on mining exploration in Ecuador

Sustainability Priority Topics

In February 2022, Solaris launched its Warintza Sustainable 2022 program to enhance initiatives and elevate transparency and accountability in the Company's ESG practices. A pivotal achievement of the Warintza Sustainable 2022 initiative was the publication of the Company's first Sustainability Report covering the previous year. This milestone represented a substantial step forward in formalizing and communicating our ESG efforts, while also offering greater transparency regarding the positive impacts Solaris is generating for local communities and stakeholders.

As an active member of the Global Compact Ecuador, Solaris remains steadfast in upholding the principles of the 2030 United Nations Agenda and its SDGs. Aligned with this commitment, our expanded sustainability strategy endeavours to integrate sustainability across all dimensions of mining exploration. We firmly believe in conducting ethical operations across all areas of our business, and we strive to engrain sustainability deeply within our corporate culture.

At the core of our ESG strategy are three guiding principles and pillars for continuous growth: good governance, environmental stewardship, and co-development. These pillars are the priority topics that shape this Report and serve as the foundation of our Participatory Mining Model, a concept we have developed and refined over the course of the past two years during the initial exploration activities of the Warintza Project. As shown in Table 1, each ESG priority topic includes GRI and UNGC (United Nations Global Compact) disclosures, which in turn are linked to material topics, value chain impact, specific material topic sub-sections, and SDG disclosures. Table 1 illustrates the interconnectedness of these elements within the broader context of sustainability reporting and management.

ESG priority topic	GRI and UNGC	Material topic	Value chain impact	Material topic sub-section	SDG
Responsible governance	GRI 412 UNGC 1, 2, 3, 10	Ethics and transparency	Direct	Corporate governance	16
		Stakeholders and transparency	Direct	Stakeholder engagement	4, 9, 17
		Human rights	Direct and indirect	Human rights Indigenous rights	1-17
		Anti-corruption	Direct	Anti-corruption and anti-bribery	16
		Community engagement	Direct	Participatory Mining Model Community relations	17
		Strategic partnerships	Direct	Strategic alliances Local stakeholder relations	17
Environmental stewardship	GRI 303, 304, 305, 306 UNGC 7, 8, 9	Environmental management	Direct and indirect	Environmental management plan	6, 7, 12, 13, 14, 15
				Water and waste management	
				Biodiversity and ecosystem management strategy	
				Climate change and greenhouse gases	
				Energy use and efficiency	
Co-development and social responsibility	GRI 401, 403, 405, 413 UNGC 1-10	Community development	Direct and indirect	Sustainable development programs	8, 10
				Communications Artisanal mining	
		Procurement, supply chain	Direct and indirect	Ethical and local business	17
		Employees	Direct	Talent management	3, 4, 8, 9, 17
				Occupational health and safety Stakeholder education	
		Diversity and inclusion	Direct and indirect	Diversity, equity, and inclusion	5
				Gender, equity, and empowerment	

Table 1.
Sustainability priority topics, material topics, and disclosures.

Process of Defining Material Topics

Our most recent materiality assessment was carried out for Solaris's inaugural 2021 Sustainability Report. During this process, we engaged in an internal stakeholder consultation for our Warintza Project in accordance with the disclosures outlined by the GRI, the UN SDGs, and the principles of the UNGC. Through this process, we identified key sustainability topics and evaluated the potential and realized economic, environmental, and societal impacts of our exploration activities, including the impacts of our governance processes.

When compiling the 2022 Sustainability Report, we carried out an additional employee survey to provide an updated evaluation of material topics, meaning the topics that matter most to our internal stakeholders. We conducted this analysis per the cycle proposed by the GRI Standards:

- 1. Context:** Identification of the likely material topics for Solaris in Ecuador based on standards relevant to the mining sector, curated to reflect the impacts of mining exploration.
- 2. Identification:** Recognition of our current and potential impacts (positive and negative).
- 3. Assessment:** Evaluation of the significance of the impacts through quantitative and qualitative analysis.
- 4. Prioritization:** Definition of our sustainability priority topics, turning materiality into action and results.

To ensure a realistic sample, we surveyed staff from all levels of employment—including administrative, technical, logistics, management, and leadership—in the Quito, Macas, Warintza, and Limón offices. Responses included input from across all units, including Community Relations, Geology, Finance, Occupational Health and Safety, Operations, and Acquisitions. Issues were surveyed for both their significance and their impact.

Significance refers to the importance or relevance of a specific issue to employees. It assesses the level of attention, interest, or concern that they have in relation to a particular aspect of the company's activities. Significance determined by evaluating the potential influence of an issue on the company's ability to create value and meet its strategic objectives. It considers both the internal and external perspectives on the issue's importance.

Impact, on the other hand, focuses on the actual effects, consequences, or outcomes that result from a specific issue. It assesses how a particular issue or concern can affect the company's operations, performance, reputation, and stakeholders. Impact involves a quantitative measurement of the tangible and intangible effects, resulting from the company's actions or decisions.

Results of the 2022 Employee Survey



In the pursuit of fostering a workplace culture aligned with principles of dialogue, transparency, participation, and trust, Solaris places paramount importance on the relationships it shares with its diverse stakeholders. As we delve into the results of the 2022 Employee Survey, it becomes crucial to understand the significance of the term "stakeholders" within Solaris' operational framework.

Employees: The Pillars of Solaris' Success

At Solaris, employees are not merely contributors but integral pillars of the company's success. Their insights, experiences, and well-being are central to the organizational fabric. The 2022 Employee Survey serves as a testament to Solaris' commitment to understanding and addressing the needs, concerns, and aspirations of its workforce. By prioritizing open channels of communication and fostering a culture of continuous feedback, Solaris endeavors to empower and engage its employees for mutual growth.

Community: More Than Stakeholders, Partners in Progress

In the unique context of Solaris, the term "community" extends beyond being traditional stakeholders; it embodies a partnership approach, particularly with Indigenous communities. Acknowledging that Solaris operates on ancestral Indigenous lands, the company views these communities not merely as stakeholders but as active partners. The participatory mining exploration framework reflects Solaris' dedication to intentional relationship building, ensuring that projects are executed with respect to mutual interests and benefits. This collaborative ethos is ingrained in Solaris' commitment to shared prosperity and sustainable development.

Investors: Nurturing Trust through Transparent Communication

For Solaris, investors play a pivotal role in the realization of its strategic vision. Open and transparent communication is the bedrock of the company's relationship with investors. The 2022 Employee Survey results provide insights into how Solaris aligns its strategies with investor expectations, emphasizing the commitment to financial prudence, sustainable practices, and long-term value creation.

As we delve into the outcomes of the 2022 Employee Survey, it is evident that Solaris' approach goes beyond conventional stakeholder management. By establishing dedicated communication channels tailored to the unique requirements of each stakeholder group, Solaris ensures ongoing engagement and responsiveness. This commitment to dialogue and collaboration underpins Solaris' strategy for sustainable growth and responsible corporate citizenship.

The Concept of Sustainability

In the survey, 100% of employees responded “yes” to the question, “Do you understand the concept of sustainability?”

Survey answers to the question “What does sustainability mean for our employees?” included the following:

- Sustainability is understood as development that meets the needs of the present without compromising the ability of future generations.
- Managing resources in a way that meets current needs without negatively affecting future ones.
- Doing it right today is doing it right tomorrow.
- Meeting the needs of current generations without compromising those of future generations, guaranteeing respect for the environment and social well-being.
- Responsible use of resources with future generations in mind.
- Reducing inequalities and enhancing the well-being of future generations.
- Projecting toward a sustainable future.
- Achieving balance between business relationships with all direct and indirect stakeholders, guaranteeing stability for the economic, social, environmental, and cultural growth of the surrounding environment.
- Opportunities for project development in a spirit of responsibility, honesty, respect, and transparency.
- Managing the economic, social, and environmental dimensions of the Company, with a systemic approach to all internal and external interest groups.

Implementing CSR

In the survey, 100% of employees responded “yes” to the question, “In 2022, did Solaris implement CSR processes based on the sustainability of the Warintza Project?” Results from our internal materiality analysis demonstrate that our employees rank employees, community, and investors equally.

For each of the three categories of CSR—governance, environment, and social—we asked our employees to select the three factors they believed to be the most relevant and to evaluate their potential impact (positive or negative) on our business. To create value out of our materiality assessment, we have aligned our sustainability strategies and set key targets and key performance indicators (KPIs) for the most material topics. Information on each of these topics is provided in the following chapters.





Governance Factors

Regarding governance factors, employees highlighted several key areas of great importance for them. Positive relations with the local community, effective local governance practices, effective management of local community directives, and employees' adherence to a robust code of conduct are ranked as the top priorities. This demonstrates the employees' emphasis on fostering strong community relationships and upholding ethical standards.

Employees recognized that the issues with the most potential to positively impact the project are local governance; the management of local community directives; combating money-laundering, corruption, and bribery; and embracing innovation and digitalization in business and processes. These factors reflect employees' recognition of the importance of transparent and accountable governance, compliance with regulations, and leveraging technological advancements to drive efficiency and effectiveness.

By prioritizing these governance factors, Solaris aims to enhance the company's credibility among its internal stakeholders, increase those stakeholders' trust in the company, foster a positive relationship with the local community, and prevent unethical practices.

Environmental Factors

Survey results highlight the significance of environmental factors for employees.

Compliance with norms and regulations, as well as the preservation of biodiversity and natural capital, emerged as the top priorities, closely followed by the promotion of circular economy practices and efficient waste and water management.

Regarding potential impacts, employees place great importance on the proper management and maintenance of environmental certifications.

They also emphasize the utilization of renewable energies and alternative fuels, along with the integration of energy efficiency measures into processes, as key areas of impact.

By prioritizing these factors, Solaris seeks to contribute to a healthier ecosystem, reduce our carbon footprint, and demonstrate our dedication to environmental stewardship.

Social Factors

Survey results show that managing absenteeism and integrating individuals from the community into the company are the top priorities for employees.

This demonstrates the employees' focus on fostering inclusivity and creating opportunities for local involvement.

Further, employees identified promoting occupational health and safety, effectively managing and enhancing team productivity, and implementing practices to reduce the wage gap as areas with significant impact.

These findings highlight the importance of creating a supportive and inclusive work environment while prioritizing the well-being and safety of employees.

Solaris believes in taking proactive measures to improve these aspects to benefit employees and contribute to the overall success and sustainability of the Company.

This Is Solaris Resources

2-1: Organizational details
 2-6: Activities, value chain and other business relationships
 201-1: Economic Performance
 401-1: Employment
 LPRM 101
 LPRM 302

Lowell Mineral Exploration S.A., Subsidiary of Solaris Resources Inc. in Ecuador

Solaris is a multi-asset exploration company, advancing a portfolio of copper and gold assets in the Americas with its primary focus on sustainably advancing the

Warintza Project in Ecuador. The Company offers additional discovery potential at its other portfolio projects—Capricho and Paco Orco in Peru, and Ricardo and Tamarugo in Chile—as well as significant leverage to increasing copper prices through its 60% interest in the La Verde joint venture with Teck Resources in Mexico (See Figure 1.)

The Company holds nine mineral concessions covering 268 km² in the canton of Limón Indanza in the Morona-Santiago province in Ecuador, through its operating subsidiary Lowell Mineral Exploration Ecuador S.A. (“Lowell”). The Company holds three main offices—in Quito, Macas, and Limón Indanza—as well as one site office in Warintza and one core shack in Quito.

The Company is listed on the Toronto Stock Exchange under the symbol “SLS” as well as on the OTCQB Venture Market under the symbol “SLSSF.”



Figure 1.
 Solaris copper assets
 in the Americas

Capital Management

Solaris's primary objective when managing capital is to ensure that it will be able to continue growing and satisfy its capital obligations and ongoing operational expenses, as well as have sufficient liquidity to fund suitable business opportunities as they arise. All financials and reports are available on our website at <https://www.solarisresources.com/investors/financials-reports/>

The Company manages its capital structure and adjusts it as necessary to suit different economic conditions. To maintain the capital structure, the Company may, from time to time, issue or buy back equity, repay debt, or sell assets. The Company, upon approval from its Board of Directors, intends to balance its overall capital structure through new share issues or by undertaking other activities as deemed appropriate under specific circumstances. Risks related to Solaris's business, as well as those that are reasonably likely to affect the Company's financial statements in the future, are described in the Company's Management Discussion and Analysis (MD&A) dated **September 30, 2023**, which is filed on the System for Electronic Document Analysis and Retrieval (SEDAR) at www.sedar.com

Capital Structure

Table 2 and Figure 2 demonstrate Solaris's capital structure and share distribution, respectively. As at **November 14, 2023**, the Company had the following securities issued and outstanding, as shown in Table 2. Management continues to be the largest shareholders in the Company, representing approximately 45% of issued and outstanding common shares as outlined in Figure 2.

TSX – SLS.TO

Common shares outstanding	148 million
Stock options	11 million
Fully diluted shares outstanding	159 million

Table 2.
Capital structure

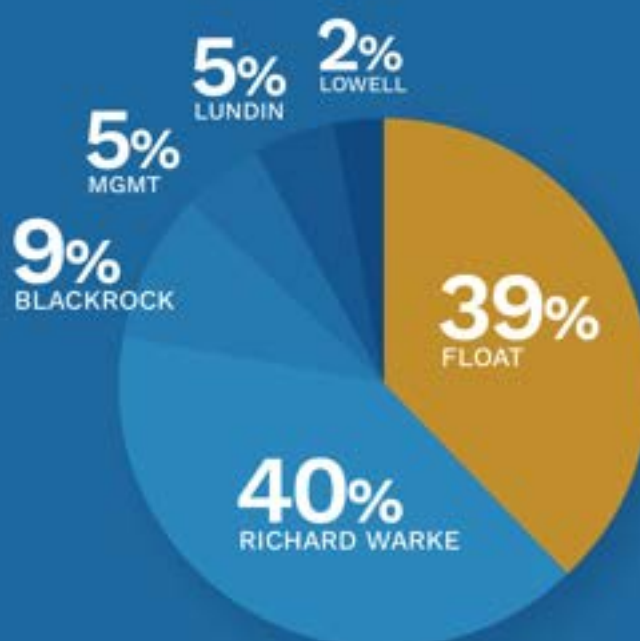


Figure 2.
Share distribution

Board and Management

A list of our Board and management members is provided in the Corporate Governance section of this report, on page 37.

Participation and Consultation Process

There are multiple stages, responsible entities, and pertinent legal frameworks involved in the consultation process for Solaris's operations. Table 3 provides a breakdown of each stage, along with the corresponding authorities and legal frameworks.

Process	Application stage	Responsible entity	Affected sector	Legal framework
Process of assessment of free, prior, and informed consultation mechanisms	Prior to start of exploratory operations	State: Ministry of Energy and Mines	Warints – Yawi Shuar Centers	Ecuadorian Constitution, Article 57, Number 7
Process of socialization of the environmental registry	Prior to obtaining environmental permit for Initial Exploration activities	State: Ministry of Environment	Direct and indirect areas of influence	Ecuadorian Constitution, Article 398
Citizen participation process or environmental consultation	Prior to obtaining environmental license for Advanced Exploration activities	State: Ministry of Environment	Direct and indirect areas of influence	Ecuadorian Constitution, Article 398

Table 3.
Consultation process stages

Warintza Project

Warintza is situated in southeastern Ecuador, within the same belt as the operating Fruta del Norte and Mirador mines, and adjacent to the San Carlos-Panantza copper deposits.

The Warintza Project encompasses a broad cluster of outcropping copper porphyry deposits anchored by a large-scale, high-grade open pit mineral resource inventory, primarily centred around the Warintza Central deposit. Ongoing efforts are focused on swift resource expansion and continued discovery drilling.

The Warintza Project spans the districts of San Miguel de Conchay and San Antonio in the Limón Indanza canton, as well as San Carlos de Limón in the San Juan Bosco canton.

The Project area includes communities whose members are made up of Shuar Indigenous People (96%) and people of mixed ethnicity (4%).

Situated 85 kilometres east of the major city of Cuenca, the Project lies in a rural segment of the Cordillera del Cóndor, an inland mountain range serving as the border between Ecuador and Peru.

The Warintza Project fully complies with all pertinent Ecuadorian state norms and regulations governing its development. In November and December 2022, an updated Environmental Management Plan, known in Ecuador as the Citizen Participation Process ("PPC" for its initials in Spanish), was concluded as a crucial part of the permitting process in advancing from Initial Exploration status to Advanced Exploration status.

Advanced Exploration status reaffirms the Warintza Project's mineral potential to facilitate progression toward feasibility analysis, mine construction, and eventual operation. Currently, Solaris is in the Advanced Exploration phase.

Operational Milestones

The following achievements are essential for evaluating the potential of mineral resources and making informed decisions for future operations.

Total drilled distance:

29,466 metres, with an average of 701 m per drill hole. This represents the cumulative distance covered through drilling operations, demonstrating extensive exploration efforts.

Total number of drill holes:

44. These drill holes are instrumental for gaining insights into the geology and potential mineral resources in the areas of operation. A significant amount of subsurface data is collected during these exploration activities.

Total drill platforms:

38. As part of the infrastructure and equipment set up to support drilling and exploration operations, these platforms provide stable work areas and facilitate efficient drilling processes.

Operational Achievements and Goals

Solaris is committed to comprehensive exploration and responsible resource management through various activities and achievements.

Leadership

Solaris emphasizes developing effective leadership skills within the organization. This includes promoting teamwork, improving communication, enhancing time management, and engaging in conflict resolution. These objectives foster a positive work environment, increase knowledge-sharing, and ensure employee well-being and satisfaction. Effective leadership contributes to the overall success of the Company.

Data and IT

Solaris prioritizes efficient data management through a range of initiatives. This involves implementing software for administration and database purposes, providing updated geological information for project models, and coordinating staff training in core shack operations. Achieving these objectives ensures accurate data management, enhances the precision and reliability of geological models, and optimizes the utilization of IT tools. Updated data and efficient IT systems are essential for informed decision-making, resource estimation, and operational excellence.

Drilling

Solaris has undertaken extensive drilling, encompassing over 100,000 metres, for exploration and mineral resource estimation purposes. Geological-geotechnical logging and photographic records help

us to better understand subsurface conditions. Training local staff in geology regulations promotes knowledge-sharing and active participation. Fulfilling drilling objectives underscores our proficiency in exploring and developing mineral resources, attracting attention from the scientific community and potential investors alike.

Coding and Modeling

Solaris leverages advanced tools for data analysis and modeling, including Leapfrog software and TSG8 software. These efforts contribute to identifying prospective areas of interest and support coding objectives for alteration and mineralization zones used in the modeling process. Coding and modeling objectives include generating sections of alteration and mineralization zones, conducting Leapfrog modeling for clays, and performing quality control on data from boreholes. Precise coding and modeling techniques help us analyze geological data, identify prospective areas, and discover new mineral deposits. Reliable models and rigorous quality control contribute to informed decision-making and effective resource evaluation.

Prospecting

Solaris actively explores areas with limited geological information to identify new mineral prospects and expand our knowledge base. Prospecting objectives involve generating comprehensive geological information for selected areas of interest, increasing knowledge to enhance geological prospecting work, and optimizing activity coordination. Prospecting efforts deepen our understanding of

potential mineral-rich zones, establish new research targets, and amplify exploration efforts, thereby increasing the potential for uncovering new deposits and informing future decision-making processes.

Logging

Solaris places emphasis on continuing logging activities, involving the detailed recording of geological information during drilling operations. To facilitate easy access to geological information, we have established a litoteca, meaning a repository for rock samples and data. Logging also helps us generate exploration targets. Logging yields intricate geological information about the subsurface, assisting in the identification and characterization of mineralization zones. Our logging activities and our formulation of exploration targets underscore our commitment to comprehensive exploration, attracting investment, generating local employment opportunities, and contributing to economic growth.

Solaris's activities and achievements in exploration and resource management contribute to increased knowledge and transparent and effective work processes. Our activities result in updated data, recognition within the scientific community, and potential investor interest. They also lead to accurate modeling, the identification of new deposits, the expansion of geological information, and economic benefits for Solaris and local communities.



Employment and Economic Performance

2-7 Employees
2-8 Workers who are not employees (contractors)
401-1 Employment
LPRM 301
LPRM 302
GRI 205, GRI 407

Solaris has made significant strides in generating economic value for its stakeholders while prioritizing sustainable development throughout the year.

Our commitment to sustainability is evident in our proactive recruitment policy, which aims to cultivate a diverse and inclusive workforce.

In 2022, employment expanded to over 500 people. Notably, 89% of our employees are from the Amazonia region, a reflection of our commitment to local empowerment and community engagement.

Our dedicated workforce contributed an impressive 1,709,535 working hours, all while receiving training in areas such as sustainability, corporate policies, workplace mechanisms, and diversity, equity, and inclusion.

With regard to employees, our year in figures includes the following key highlights:

- **In both 2021 and 2022:**
 - None of the active workforce was covered by collective agreements.
 - There were no strikes or lockouts.
 - The minimum notice for operational changes was four weeks.¹
- **Local contractors formed 51% of the workforce in 2021 and 56% in 2022.**
- **The employee turnover rate was 6% in 2021 and 2.5% in 2022.²**
- **Employees worked a total of 1,350,855 hours in 2021 and 1,709,535 hours in 2022.**

1. This refers to the average time it takes for management and leadership to communicate operational changes, as per a requirement of the GRI 402-1. A timeframe of four weeks has been calculated as there is typically a monthly meeting with the Strategic Alliance Board.

2. Employee turnover is calculated by dividing the percentage of employees who leave the company over a specific period by the total number of employees at the start of that period. It includes both voluntary departures (resignations) and involuntary departures (terminations).

Tables 4 to 11 provide a further breakdown of employee-related figures.

Employee type	Women	Men	Total
Permanent	11	34	45
Part-time (rotative)	75	382	457
Temporary (internship)	2	1	3
Total	88	417	505

Table 4.
Employees by gender (2022)

Employee type	Amazonia	Ecuador non-Amazonia	Total
Permanent	22	23	45
Part-time (rotative)	426	31	457
Temporary (internship)	1	2	3
Total	449	56	505

Table 5.
Employees by geographic location (2022)

Employee type	Warints	Yawi	Total
Permanent	7	4	11
Part-time (rotative)	117	58	175
Total	124	62	186

Table 6.
Employees by communities in direct area of influence (2022)

Employees	2021–2022
Permanent	+5%
Women	-9%
Men	+10%
Part-time (rotative)	-1%
Women	+7%
Men	-1%
Temporary (internship)	0
Women	0
Men	0
Total	+0.4%
Women	+5%
Men	-0.5%

Table 7.
Employee changes from 2021 to 2022

	Number		Percentage of total workforce	
	2021	2022	2021	2022
Men	203	46	52	10
Women	40	18	10	4
Amazon	201	53	51	12
Rest of Ecuador	42	11	11	2
Total	243	64	62	14

Table 8.
New employees hired

Note: These figures refer to the number and percentage of hirings in each year. The percentage calculation is done by dividing the number of hired employees by the average number of employees at the beginning and at the end of the year in question.

	Number		Percentage of total workforce	
	2021	2022	2021	2022
Men	19	51	5	23
Women	5	15	1	7
Amazon	22	53	6	24
Rest of Ecuador	2	13	1	6
Total	24	66	6	29

Table 9.
Employee departures

Note: These figures refer to the number and percentage of employees who left the company in each year. The percentage calculation is done by dividing the number of employee departures by the average number of employees at the beginning and at the end of the period. It excludes involuntary departures.

Gender	Number (%)	Percentage of total
Women	43	14
Men	275	86
Total	318	100

Table 10.
Contractors by gender (2022)

Geographic location	Number (%)	Percentage of total
Amazonia	195	61
Ecuador non-Amazonia	120	38
International	3	1
Total	318	100

Table 11.
Contractors by geographic location (2022)

Staff Reduction

Throughout 2022, the Company experienced a reduction in drilling activities at the Warintza Project, stemming from various factors:

- Significant mineral resources were discovered at Warintza Central with the completion of the Mineral Resource Estimate (MRE) in April 2022, prompting a shift in the Company's exploration focus towards less-intensive drilling.
- The Company conducted additional reconnaissance sampling and field work to define new surface targets.
- The Company's drilling rigs reached full capacity as we transitioned from early to advanced exploration, which consequently impacted our ability to continue drilling at previous levels.
- Economic constraints arose.

In tandem with the decline in drilling activities, a reduction in contract personnel for the Warintza Project ensued as a direct result of the contraction in operations. The decrease in exploration and drilling efforts corresponded with a proportional decrease in the workforce. However, despite the dip in drilling activities, the Company invested over \$3 million in social and development programs, actively contributing to the well-being and growth of the communities within our sphere of influence. Furthermore, our purchases amounted to over \$41 million, underscoring our commitment to local sourcing and responsible procurement.

Table 12 and Table 13 display the breakdown of the economic benefits produced and allocated, with categories including community development, employee compensation, investments in the Ecuadorian government, and supplier and local procurement contributions.

	2021	2022
Community development		
Infrastructure	1,210,616	730,102
Scholarships	54,375	152,321
In-kind donations	154,491	105,930
Training and capacity-building	26,875	53,599
Direct purchases from community service providers	884,529	1,227,125
Agreements	613,766	967,812
Total community payments	2,944,652	3,236,889
Employees (total investments)		
Full-time employees	1,368,261	1,623,557
Rotative employees	2,909,452	3,721,179
Interns	5,542	3,245
Total employee wages and benefits	4,283,255	5,347,981
Ecuadorian government (total investments)		
Mining patent	267,770	292,885
Capital outflow tax	115,303	148,793
Government contributions	367,467	63,524
Non-recoverable taxes	40,088	22,083
Social quotas	38,083	40,219
Property taxes	68,127	150,803
Other	56,264	43,643
Total government payments	953,102	761,950

Table 12.
Direct economic value generated and distributed (in USD)

Note: The cumulative financial data in US dollars is based on compilation reports for quarters ended March 31, June 30, September 30, and December 31, for both 2021 and 2022, conducted by BIT&T Auditores y Consultores Cía. Ltda.

In 2022, the Company sourced goods and services from a total of 449 suppliers, representing an increase of approximately 24% from the prior year, during which the Company sourced procurement from a total of 361 suppliers. Additionally, in 2022, the Company sourced \$21 million from within the Warintza Project's direct area of influence in Ecuador (Ring 1), a significant increase from the prior year.

	2021	2022
Goods	4,812,639	3,950,478
Services	37,578,504	37,611,163
Ring 1	4,332,195	21,590,867
Ring 2	167,040	170,947
Ring 3	34,510,440	15,843,745
Ring 4	3,381,468	3,956,082
Total procurement spending	42,391,143	41,561,641

Table 13.
Suppliers and local procurement (in USD)

Note: The boundary procurement spending ring system is based on the following definitions of scope: Ring 1 includes communities in Warintza and Yawi, within the cantons of Morona and Limón; Ring 2 covers the rest of Amazonia; Ring 3 covers the rest of Ecuador; and Ring 4 means international.

Our Approach to Sustainability

2-23: Policy commitments
2-28: Membership associations
413-1: Local communities

Solaris envisions a sustainable approach to mining based on genuine participation—a model we have called Participatory Mining and have pioneered through our Warintza Project in Ecuador.

Participatory Mining is a relatively new concept, which we define as a genuine commitment to working with Indigenous communities and stakeholders alike through co-learning and developing relationship-based responsible exploration and mining practices. This approach involves democratizing mining through genuine and equitable relationships between communities, government, and the Company; integrating sustainability within all areas of operations through the lifecycle of the mining project and beyond; and ensuring the highest safety standards through constant innovation.

We are confident that the only way forward for responsible mining is through the equitable co-creation of value with future generations in mind.

Solaris's values include responsibility, safety, sustainability, and commitment. Our Sustainability Policy sets out the Company's commitment to do no harm, make a positive contribution, act ethically and with transparency, and continuously improve. Together, these commitments lay the foundation for real growth structured around three categories that comprise our ESG pillars, with good governance as the propelling force that underpins and informs our management approach.

Our three ESG pillars are:

Good governance:

Promote good governance to improve socio-economic well-being and wealth distribution in mining areas.

Environmental stewardship:

Innovate in all areas of operations related to mining exploration to reduce our environmental impact.

Co-development:

Engage with and exchange knowledge between all stakeholders and partners for sustainable growth.

Memberships, Affiliations, and Partnerships

Strategic partnerships are effective ways of promoting good governance, thereby paving the way for an inclusive, participatory, and responsible mining model. These alliances provide certainty for the advancement of Solaris's exploration activities and directly contribute to the sustainable development of the communities in the areas influenced by the Warintza Project.

Solaris actively participates in the following Ecuadorian associations³:

- **Mining Chamber of Ecuador (CME)**
- **Mining Engineers Association of Ecuador (AIME)**
- **Women in Mining (WIM)**
- **Entrepreneurship and Innovation Alliance (AEI)**
- **Ecuador Zero Carbon Program (PECC)**

Solaris subscribes to or supports the following externally developed economic, environmental, and social initiatives:

- **United Nations Global Compact (UNGC)**
- **Women's Empowerment Principles (WEP)**
- **Mining Shared Value – Local Procurement Reporting Mechanism (MSV/ LPRM)**
- **Extractive Industries Transparency Initiative (EITI)**

Solaris has developed strategic partnerships and cooperation agreements with the

following institutions, civil society organizations, and government ministries:

- **Ecuadorian Center for Development and Alternative Studies (CEDEAL)**
- **Wildlife Conservation Society (WCS)**
- **Firefighting Unit of Morona Santiago and Limon Indanza**
- **Ministry of Public Health (MSPE)**
- **Ministry of Education (MINEDUC)**
- **Ministry of Environment, Water and Ecological Transition of Ecuador (MAATE)**
- **Ministry of Agriculture and Livestock (MAE)**
- **Cordillera del Cóndor Education Unit (UECC)**
- **Sports Federation of Morona Santiago (FDMS)**
- **Jardin Azuayo Credit Union**
- **Arrayan & Piedra Hotel**
- **Professional Training Service of Ecuador (SECAP)**

Solaris has signed cooperation agreements with the following academic institutions:

- **Universidad Técnica Particular de Loja (UTPL)**
- **Universidad Regional Amazónica IKIAM (IKIAM)**
- **Escuela Superior Politécnica de Chimborazo (ESPOCH)**
- **Technical Institute of Limon (ITL)**
- **Geological Mining Institute**

³ Acronyms are provided for the Spanish equivalent when names are translated into English from the original Spanish. See Appendix 4 for a complete list of acronyms used in the report.

RESPONSIBLE GOVERNANCE

Our Responsible Governance ESG pillar means that we promote good governance to improve socio-economic well-being and wealth distribution in mining areas. Promoting good governance in the context of mining operations is crucial for sustainable development and fostering positive relationships with local communities.

Solaris emphasizes good governance as a fundamental aspect of its operations. By promoting shared responsibility, accountability, compliance, and Participatory Mining, we strive to build strong relationships with local communities, contribute to economic and social development, and foster a sustainable and democratic approach to mining. The elements of this approach are as follows:

- **Shared responsibility:** Good governance requires a shared responsibility approach, where all stakeholders, including the mining company and local communities, actively participate in decision-making processes and work together to achieve development results. By involving local partners in project design, planning, monitoring, and evaluation, Solaris promotes a collaborative and inclusive approach to mining operations.
- **Accountability to stakeholders:** Good governance entails accountability to multiple stakeholders, including local communities, government authorities, investors, and the public. Solaris recognizes the importance of accountability and strives to maintain transparency in its operations. This includes providing regular updates, engaging in meaningful dialogue with stakeholders, and addressing their concerns and expectations.
- **Compliance with rules and regulations:** Good governance requires adherence to applicable rules, regulations, and legal frameworks. Solaris acknowledges the importance of compliance and operates within the legal frameworks that governs its operations. This includes environmental regulations, labour laws, health and safety standards, and community-related requirements.
- **Quality of governance and social bonds:** The quality of governance practices directly influences social bonds and relationships between a mining company and the communities in its area of influence. By promoting good governance, Solaris aims to build strong and positive relationships with local communities, fostering trust, mutual understanding, and long-term partnerships.
- **Economic and social development:** Good governance is a key driver of economic and social development. Effective governance systems enhance stakeholder performance and contribute to achieving major economic and social goals. Solaris works towards fostering sustainable development by integrating good governance practices into its operations.
- **Participatory Mining and co-responsibility:** Solaris believes in a paradigm shift towards Participatory Mining, where local communities have an active role in decision-making processes related to mining operations. This approach promotes a more inclusive and democratic mining model, ensuring that the voices and perspectives of local communities are heard and respected.



Corporate Governance

2-9: Governance structure and composition
 2-10: Nomination and selection of the highest governance body
 2-11: Chair of highest governance body
 2-12: Role of the highest governance body in overseeing the management of impacts
 2-13: Delegation of responsibility for managing impacts
 2-14: Role of the highest governance body in sustainability reporting
 2-15: Conflict of interest
 2-16: Communication of critical concerns
 2-17: Collective knowledge of the highest governance body
 2-18: Evaluation of the performance of the highest governance body
 2-23: Policy commitments
 2-24: Embedding policy commitments
 405-1: Diversity and equal opportunity

The **Board of Directors** holds overall responsibility for corporate governance matters. The Board of Directors develops and approves corporate policies and guidelines, defines corporate objectives, and assesses key plans and performance on a regular basis. The Board, either collectively or through its committees, periodically reviews Solaris's policies, guidelines, and governance practices to ensure their appropriateness and currency.

Solaris has established three standing committees within its Board of Directors that have specific responsibilities and play important roles in ensuring effective corporate governance:

- The **Audit Committee** serves as an independent and objective party responsible for monitoring Solaris's financial reporting and internal control system. This committee reviews the Company's financial statements, oversees matters delegated to it by the Board, and ensures compliance with relevant regulations and standards. The committee's primary focus includes maintaining the integrity of financial information and reviewing and appraising the

performance and compensation of the Company's external auditors, thereby safeguarding the interests of shareholders.

- The **Nominating and Corporate Governance Committee** is responsible for identifying qualified individuals to serve on the Board of Directors. This committee assesses the effectiveness of the Board and its committees, develops corporate governance policies and principles, and conducts periodic reviews of these policies. The committee ensures that Solaris follows best practices in corporate governance and aligns with regulatory guidelines.

- The **Compensation Committee** is responsible for overseeing Solaris's compensation policies and practices, including executive compensation. This committee reviews and approves compensation plans, ensures alignment between executive compensation and Company performance, and considers the long-term sustainability of compensation programs. The primary objective of the Committee is to support the Company's goals by assisting in attracting, retaining, and

motivating executives and key personnel. The committee aims to promote fair and transparent compensation practices within the organization.

Our **management team** is responsible for the day-to-day operations of the Company and provides regular updates to the Board and its committees. They are also responsible for implementing initiatives and actions that address sustainability as a risk element in daily operations and ESG topics of concern as well as ensuring alignment with the defined sustainability strategy and targets.

Overall, Solaris prioritizes strong corporate governance by maintaining independent committees, adhering to relevant regulations, and ensuring transparency and accountability in decision-making processes. The Board of Directors and management team work together to uphold Solaris's commitment to sustainability and effective governance practices. More detailed information about the Board and its committees can be found in our Information Circular, available on Solaris's website at www.solarisresources.com.

The members of our Board are:

-
- Richard Warke, Executive Chairman, Director
 - Daniel Earle, President and CEO, Director
 - Poonam Puri, Director
 - Donald Taylor, Director
 - Kevin Thomson, Director
 - Ron Walsh, Director

Our management team members are:

-
- Richard Warke, Executive Chairman, Director
 - Daniel Earle, President and CEO, Director
 - Sunny Lowe, CFO
 - Purni Parikh, SVP Corporate Affairs and
Corporate Secretary
 - Federico Velásquez, President, Latin America
 - Jorge Fierro, VP Exploration
 - Tom Ladner, VP Legal Affairs
 - Jacqueline Wagenaar, VP Investor Relations

Solaris is committed to responsible and sustainable business practices. Our defined governance structures at various levels of the organization are shown in Figure 3, Figure 4, and Figure 5. The Board, Executive Management, and site operations management are involved in ongoing review, monitoring, and strategy development to address ESG-related topics and effectively manage risks.



Figure 3.
Board of Directors and committees



Figure 4.
Corporate Sustainability Structure



Figure 5.
Sustainability Management at Operations

Board of Directors and ESG

Solaris is committed to responsible and sustainable business practices and has a well-defined governance structure to address ESG-related topics and effectively manage risks. The Company applies a comprehensive approach to ESG management, involving the Board, executive management, and external experts in ongoing review, monitoring, and strategy development. By integrating ESG considerations into the governance structure and involving key executives and the Board, we aim to effectively manage risks and address the potential impacts of environmental and economic factors on our local operating markets. Our commitment to sustainability and engagement in relevant initiatives underscores our dedication to responsible corporate practices.

Solaris takes a holistic approach to risk identification, assessment, and management. This means risks are considered from various perspectives and across different aspects of the business.

The operational team at Solaris is responsible for collecting information about specific sustainability risks related to ESG factors.

The Executive Management team—the highest management level, consisting of the President, Latin America, the CFO, the SVP Corporate Affairs, and the Corporate Secretary—regularly reviews economic, environmental, and social topics and integrate

them into its oversight responsibilities. This holistic approach allows for a comprehensive assessment of risks and opportunities, and our ongoing review demonstrates our commitment to considering ESG factors as integral components of the Company's decision-making processes.

The President, Latin America plays a crucial role in overseeing and managing ESG matters and holds the responsibility for ESG-related topics within Solaris. The President, Latin America also actively engages in the UN Global Compact and participates in annual conferences, demonstrating our commitment to broader sustainability goals beyond our own operations.

The Board of Directors monitors the organization's ESG impacts, risks, and opportunities based on updates received from Executive Management, ensuring that ESG considerations are integrated at the highest level of decision-making. This demonstrates the Board's involvement in understanding and addressing ESG factors that could impact our operations and stakeholders. All significant business transactions and decisions undergo approval processes that involve the President and CEO and the Board of Directors. If a risk is identified as critical in the overall assessment, effective measures are taken to reduce the probability of occurrence, prevent its occurrence, or limit

its implications. This proactive approach to risk management reflects Solaris's commitment to mitigating potential ESG risks. The consolidation of risk information at the corporate level ensures that there is a comprehensive understanding of risks across the organization. The Board also monitors the execution of high-level sustainability initiatives and reviews the overall strategy. By actively engaging in the monitoring process, the Board ensures that sustainability objectives align with Solaris's strategic direction.

The Board relies on the expertise of management and external experts to discuss and exchange knowledge on ESG topics. Regular contact occurs between Board members and management, and between management and external experts, fostering collaboration and a well-rounded approach to addressing sustainability challenges.

Solaris publishes a Sustainability Report, which is prepared by the Sustainability and CSR Manager and external experts. The report undergoes review and approval by the President, Latin America and the rest of the management team. This demonstrates our dedication to transparently reporting our sustainability performance and initiatives. Solaris aims to use its risk management approach to improve long-term performance and enhance shareholder value. This aligns with the idea that effective risk management can contribute to sustainable business success.



Ethics and Transparency

Solaris places great importance on sound corporate governance and ethical business practices. The Board of Directors recognizes that the Company's success is closely tied to its reputation in these areas. By promoting ethical conduct, fostering a culture of compliance, and providing channels for reporting potential violations, Solaris aims to foster a strong ethical foundation for the entire organization.

Policy Frameworks

2-19 Remuneration Policies
 2-20 Process to determine remuneration
 2-21 Annual total compensation ratio
 2-25: Process to remediate negative impacts
 2-26 Mechanism for seeking advice and raising concerns
 412-1: Human Rights Assessment
 LPRM 401
 SDG 16
 GRI 2-16, GRI 205

To foster a strong ethical corporate culture, the Board has embraced governance policies that provide a framework for responsible business conduct.

In 2021, six new policies were approved, encompassing sustainability, human rights, Indigenous rights, supply chain, anti-bribery and anti-corruption, and health and safety. These policies address critical areas of concern and guide the behaviour and practices of Solaris directors, officers, employees, and contractors. In 2022, the Board reviewed and updated its governance policies to reflect the evolving needs and growth of the Company.

All individuals associated with Solaris—including directors, officers, employees, and contractors—are mandated to adhere to the pertinent corporate policies. This ensures that everyone involved in Solaris's operations is aware of the expected standards of conduct and governance.

Through the adoption and regular updates of these policies, Solaris demonstrates its commitment to upholding a strong ethical framework, advancing sustainability, honouring human and Indigenous rights, guaranteeing a responsible supply chain, preventing bribery and corruption, and prioritizing health and safety. These policies serve as a foundation for fostering a culture of integrity and ethical behaviour throughout the organization. Table 14 outlines Solaris's policies pertaining to effective governance and their alignment with corresponding UNGC Principles and SDGs.

Organizational documents	UNGC principle or SDG
Articles of Incorporation	Principle 10, SDG 16
Advance Notice Policy	
Audit Committee Charter	
Code of Conduct and Business Ethics	
Compensation Committee Charter	
Corporate Disclosure Policy	
Majority Voting Policy	
Nominating and Corporate Governance Committee	Principle 1, 2, 3, 4, 5, 10, SDG 16
Whistleblower Policy	
Anti-bribery and Anti-corruption Policy	
Diversity, Equity, and Inclusion Policy (site level)	Principle 10, SDG 16
	Principle 10, SDG 16

Table 14.
Policies pertaining to effective governance and United Nations disclosures

The Corporate Code of Conduct and Business Ethics

Solaris's Corporate Code of Conduct and Business Ethics plays a crucial role in promoting ethical behaviour and ensuring compliance with laws, regulations, and Company policies. Launched by management and the Board of Directors in 2021, the Code of Conduct and Business Ethics has been carried forward into subsequent years. It is made available in both English and Spanish to ensure accessibility for all employees.

The Code of Conduct and Business Ethics provides guidance on the identification of conflicts of interest and establishes expectations for employee conduct concerning such conflicts. To safeguard the interests of directors, officers, employees, and the Company, any external employment or other activities that may involve potential or apparent conflict of interest should be pursued only following disclosure to Solaris. Subsequent review and endorsement by management are essential prior to engagement.

Solaris places great importance on the following values, principles, and behavioural norms outlined within the Code:

- The Code of Conduct and Business Ethics emphasizes the importance of honesty and ethical behaviour in all business activities. Employees are expected to act with integrity and maintain the highest standards of professionalism.
- Employees are required to avoid situations where personal interests may conflict with our interests. They should disclose any potential conflicts of interest and act in the best interest of Solaris.
- The Code of Conduct and Business Ethics highlights the importance of safeguarding confidential corporate information. Employees are expected to maintain the confidentiality of sensitive information and use it only for legitimate business purposes.
- Employees are responsible for protecting and appropriately using Company assets, including physical assets, intellectual property, and business opportunities. Misuse or unauthorized use of Company assets is strictly prohibited.
- Solaris emphasizes compliance with all applicable governmental laws, rules, and regulations. Employees are expected to stay informed about legal requirements and conduct business activities in full compliance with them.
- The Code of Conduct and Business Ethics encourages employees to promptly report any violations or suspected misconduct, illegal activities, fraud, or abuse of Company assets. Solaris provides safe channels for confidential reporting, ensuring a culture of non-reprisal against those who make reports in good faith.
- All directors, officers, and employees are accountable for adhering to the Code of Conduct and Business Ethics. Everyone is responsible for reviewing it periodically and have the opportunity to discuss any circumstances that may have arisen or may arise as actual or potential violations with Management. All directors, officers, and employees are required to provide an annual acknowledgment that they have read and understand the Code of Conduct and Business Ethics.

Reporting Contacts and Whistleblower Policy

By establishing Reporting Contacts and implementing a Whistleblower Policy, Solaris ensures that employees have clear channels to raise concerns about conflicts of interest and to report potential violations of the Code of Conduct and Business Ethics. This promotes a culture of accountability, transparency, and integrity within the organization.

Solaris encourages employees to consult with one of the designated Reporting Contacts with concerns or questions about conflicts of interest or potential conflicts. These Reporting Contacts serve as a resource to provide guidance and direction on specific issues. The two main Reporting Contacts are the Chairman of Audit Committee, Ron Walsh, and the CFO, Sunny Lowe. An additional Reporting Contact is the Canadian counsel to the Company: Blake, Cassels & Graydon LLP.

In addition to conflicts of interest, employees are encouraged to report any potential or suspected violations of the Code of Conduct and Business Ethics.

Solaris has a dedicated Whistleblower Policy that outlines procedures for registering complaints specifically related to accounting, internal accounting controls, or auditing matters. Employees are expected to become familiar with this policy and adhere to its procedures when reporting concerns.

Stakeholders and Transparency

Solaris is dedicated to actively engaging with an array of diverse stakeholders through ongoing dialogue. We believe that direct and constructive interaction fosters the convergence of stakeholders' interests with those of the Company. Solaris understands the concerns and aspirations in the communities neighbouring our operations, and we place emphasis on delineating our relationship with these communities as separate from our broader engagement with stakeholders. The foundational tenet of Participatory Mining exploration involves intentional relationship-building through partnerships with the communities in which we operate. Figure 6 illustrates our stakeholder categories.

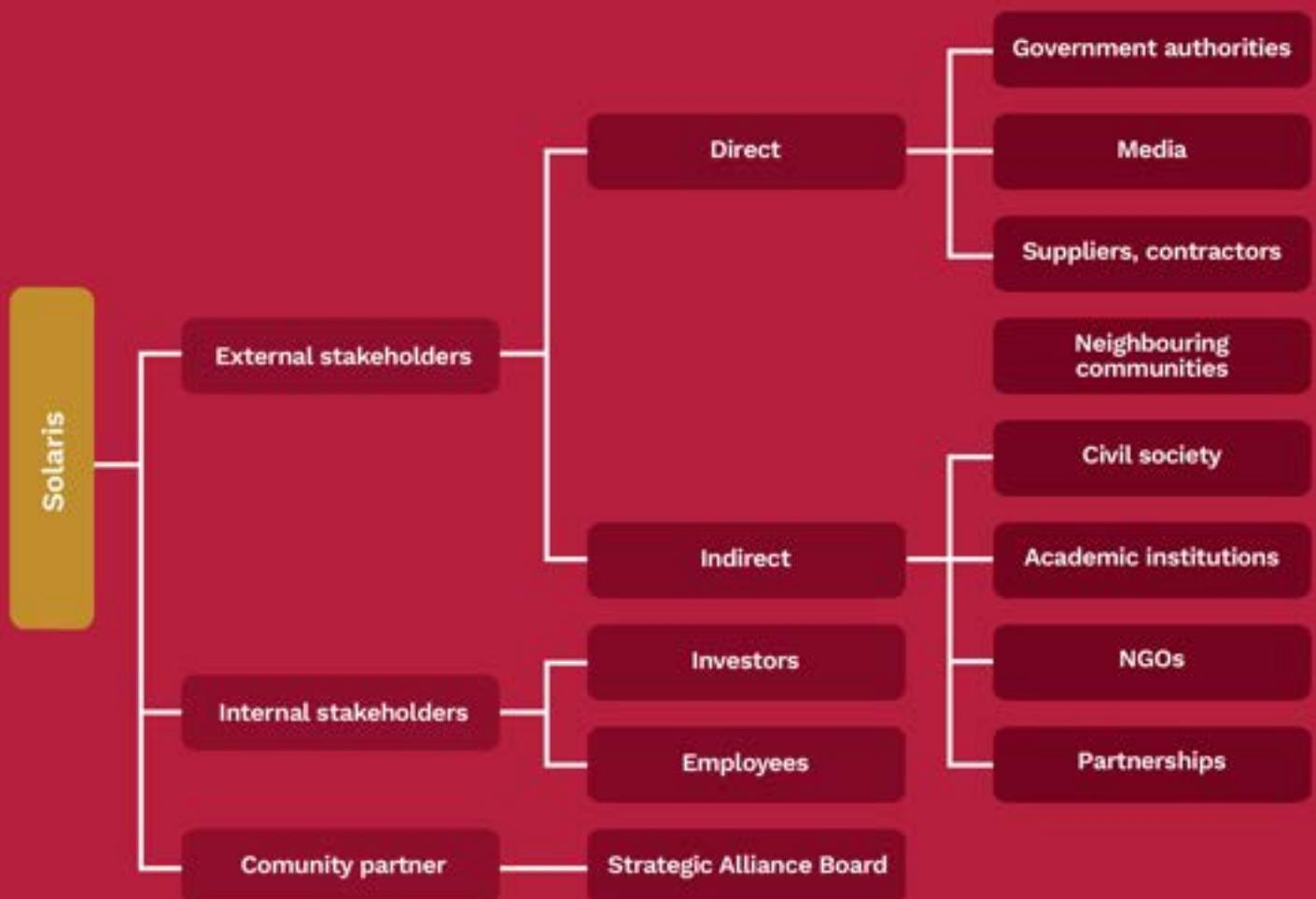


Figure 6.
Stakeholder map

Stakeholder Engagement

Solaris recognizes the importance of strong relationships with internal and external stakeholders. Solaris demonstrates its commitment to effective stakeholder engagement and transparent, ongoing communication through stakeholder-oriented meetings, personalized communication channels, and active engagement with investors, authorities, and external advisors. This approach helps us build and maintain strong relationships with stakeholders, ensuring that their perspectives are considered and integrated into decision-making processes.

Solaris has established specific communication channels and tools that respond to the

interests of each stakeholder group. This ensures that effective engagement is relevant to their needs. For example, coordination meetings and compliance reports are used for authorities, and an online platform is being developed for contractors and suppliers.

Solaris also regularly engages with investors and the financial community through various means, such as non-deal roadshows, face-to-face and virtual meetings, and broker-sponsored conferences. The VP, Investor Relations, reporting directly to the President and CEO, is responsible for planning and organizing these engagements.

The Solaris Annual Shareholders' Meeting, attended by the Board of Directors, serves as a forum for multiple stakeholders to directly engage with our directors, executives, and employees. This provides an opportunity for open dialogue and transparency.

Table 15 presents the communication channels related to Solaris's stakeholder groups. (Note that the Strategic Alliance Board oversees the creation, management, and adaptation of a cooperation agreement between Solaris and the Shuar Warints and Yawi Centers; see the Strategic Partnerships section for more information.)

Category	Stakeholder type	Participation mechanisms
Community partner	Strategic Alliance Board	<ul style="list-style-type: none"> • Permanent dialogue on community relations • Quarterly visit to core shack and platforms • Quarterly environmental session • Yearly review of IBA • Consultation for exploration stage • Monthly ordinary meetings and ad hoc extraordinary meetings • Roundtables: easements, artisanal mining
Direct internal stakeholders	Shareholders and investors	<ul style="list-style-type: none"> • Corporate governance charter and policies on website • Financial reporting filed to Sedar quarterly and annually • IR presentations • Company website and annual ESG report
	Employees	<ul style="list-style-type: none"> • Permanent dialogue with employees • Staff development program and complaint mechanism • Weekly team meetings and employee review • Commitment to corporate policies
Direct external stakeholders	Government authorities	<ul style="list-style-type: none"> • Permanent dialogue with Public Relations • Joint working groups, ad hoc • Compliance reports • Collaboration agreements • Guided tours and visits, ad hoc
	Media	<ul style="list-style-type: none"> • Outreach events • Media coverage • Social media corporate handle, corporate website
	Suppliers and contractors	<ul style="list-style-type: none"> • Permanent dialogue with Procurement, Contracts, and Renewal • Supplier development program • Informational seminars and training sessions • Commitment to corporate policies
Indirect external stakeholders	Neighbouring communities	<ul style="list-style-type: none"> • Permanent dialogue with Community Relations • Meetings, ad hoc • Permanent dialogue with the Strategic Alliance Board
	Civil society	<ul style="list-style-type: none"> • Ad hoc email correspondence • Ad hoc working meetings
	Academic institutions, NGOs, partnerships	<ul style="list-style-type: none"> • Ad hoc email correspondence • Ad hoc working meetings

Table 15.
Communication channels for Solaris's stakeholder groups

Impacts and Benefits Agreement



Solaris signed an Impacts and Benefits Agreement (IBA) with the Shuar Centers of Warints and Yawi in 2020. These Centers represent the two Indigenous communities with which we have developed strategic alliances and act as our community partners in relation to stakeholder groups. This agreement reflects our commitment to establish mutually beneficial terms and conditions for the Warintza Project, ensuring cooperation, safe access, and the sharing of profits between Solaris and the Shuar Centers.

The IBA includes clauses that cover important aspects such as employment opportunities, profit-sharing, cooperation, performance expectations, future opportunities, collaboration, responsibilities, reporting mechanisms, terms and conditions, easements (both individual and communal), and more. These clauses demonstrate the comprehensive nature of the agreement, addressing various aspects of the relationship between Solaris and the Shuar Centers.

In 2022, Solaris signed an addendum to the IBA, further enhancing the benefits and responsibilities outlined in the original agreement. This highlights our commitment to continually improve and strengthen the relationship with the Shuar Centers, consider new opportunities, and address emerging challenges.

As the three-year mark of the IBA approaches, Solaris plans to review and renew the agreement in consultation with the parties involved. This demonstrates our commitment to maintaining a transparent and collaborative relationship with the Shuar Centers, ensuring that the agreement remains relevant and beneficial for both parties.

Renewing the IBA in due time allows Solaris and the Shuar Centers to reassess their respective roles, responsibilities, and benefits, ensuring that the agreement continues to meet the evolving needs and aspirations of the involved stakeholders. The signing of the IBA and subsequent addendum, along with Solaris's commitment to review and renew the agreement, exemplify our dedication to responsible and sustainable practices, respectful engagement with Indigenous communities, and the cultivation of positive relationships with local stakeholders.

Easements

The Constitution of Ecuador acknowledges the collective rights of Indigenous communities and Centers to preserve their ancestral territories and cultural areas. In accordance with the Ecuadorian Mining Law, voluntary easements can be established on surface properties, whereby a responsible mining company is obligated to compensate property owners for the use and enjoyment of the easement during mining-related activities.

Solaris fully acknowledges the collective rights of the Shuar Centres of Warints and Yawi to receive easement payments for areas affected by our Warintza Project. Easements are granted when a specific land area is impacted by mining operations, such as facility construction, transit, or electrical installations, throughout the mining cycle. These easements ensure fair compensation for property owners and uphold the collective rights of Indigenous communities while also promoting responsible and sustainable mining practices.

Individual easements are payments made by Solaris to the owners of properties where temporary activities related to the Warintza Project are carried out according to the project plan. Once easement activities are completed, such areas will be restored.

Communal easements are payments made by Solaris to the community represented by its authorities as a monetary sum for the transit and use of communal territories to carry out exploration activities in the Warintza Project.

In response to inquiries from landowners, in May 2022, Solaris established the Easement Technical Committee. Consisting of Solaris representatives, representatives from the Shuar Centers of Warints and Yawi, and residents of San Miguel de Conchay, its purpose is to support the Geology, Environment, Projects, Infrastructure, and Community Relations departments by coordinating information related to easements and developing the process.

The Easement Technical Committee has set several objectives to guide its work:

Provide transparent information regarding easement payments, ensuring that stakeholders have a clear understanding of the process.

Address concerns raised by the community and respond to queries in a timely manner.

Inform stakeholders about the calculation method used for easement payments, promoting transparency and accountability.

Obtain clear information about the specific areas undergoing intervention.

Keep stakeholders well-informed about the topographic work being carried out on their properties, ensuring transparency, and maintaining open lines of communication.

Streamline the easement payment process, making it more efficient and effective for all parties involved.

Recognizing the need for accurate data, Solaris also formed a Topographic Team to validate existing information and incorporate new data as fieldwork progresses. Topographic work began in June 2022 and led to adjustments in the measurements of Solaris facilities, which in turn affected easement payments. The collection of topographic information is an ongoing process: in 2022, nine Easement Technical Committee meetings took place in Warints, Yawi, and Limón, involving interested partners from the Shuar Centers and residents of the San Miguel de Conchay area.

Since its inception, the Easement Technical Committee has achieved several key milestones. It has successfully maintained transparent and open dialogue with beneficiaries, fostering a cooperative atmosphere and ensuring the smooth development of activities. The committee has also undertaken the important task of validating and updating the data matrix for the intervened areas, ensuring accurate and reliable information.

Further, the Easement Technical Committee has made significant progress in collecting topographic information, covering property boundaries to a substantial extent (40%) and achieving complete coverage of Company installations in Yawi (100%), significant coverage in Warints (30%), and considerable coverage in San Miguel de Conchay (75%). Finally, the committee has effectively negotiated agreements to differentiate between cleared areas currently undergoing revegetation and those that have undergone intervention.

Solaris recognizes the need to conclude the collection of topographic information to ensure comprehensive and precise data, thereby providing a robust foundation for decision-making. We also recognize the importance of synchronizing actions across departments to foster collaboration and adherence to established processes. A notable difficulty arises when trying to establish a common understanding between the Strategic Alliance Board and the communities regarding the worth of easement payments, particularly in the context of Warints.

Solaris understands that overcoming these challenges demands effective communication, skillful negotiation, and a collaborative approach to identify mutually acceptable solutions that meet the needs of all stakeholders. The Easement Technical Committee remains committed to its objectives, diligently working to address challenges and achieve positive outcomes for all parties involved.



Human and Indigenous Rights

2-30: Collective Bargaining Agreements
 412-1: Human Rights Assessment
 413-7: Local Communities
 LPRM 402
 LPRM 501
 LPRM 602
 UNGC 1, 2, 3, 4, 5
 GRI 205, GRI 411

Human Rights

Solaris aims to uphold human rights throughout our operations, promote the well-being of communities, and contribute positively to the regions where we operate. Solaris is committed to an all-encompassing approach to ethically managing the Company's impacts on people. Our commitments and management approach are guided by principles rooted in transparency, dialogue, trust, health and safety, prompt reporting, and compliance.

For Solaris, establishing meaningful engagement with communities is key to obtaining a deeper understanding of current human rights conditions and the associated risks and opportunities in the regions of our operation. Our Human Rights Policy underscores our commitment to upholding and adhering to all human rights as outlined in the International Bill of Human Rights and the core conventions of the International Labour Organization (ILO). Prior to commencing exploration activities in a new country, Solaris conducts exhaustive research to assess a range of social risks unique to each jurisdiction. These risks may include factors such as national security, personal security, and personal health. By proactively identifying and understanding these risks, Solaris aims to mitigate potential adverse impacts and ensure the well-being of its employees, local communities, and stakeholders.

Solaris conducts routine assessments of enterprise-level human rights risks and continuously enhances its policies and practices in alignment with its management plans. This commitment extends to our supply chain through our Supply Chain Policy, which delineates clear expectations for suppliers and contractors regarding human rights and responsible business practices.

The President, Latin America actively engages in ongoing dialogue with communities to lead initiatives related to social management and responsibility, community engagement and investment, Indigenous affairs, and human rights. This underscores our commitment to nurturing open and collaborative relationships with stakeholders.

Indigenous Rights

Solaris respects the collective and customary rights of local and Indigenous peoples living near or on our mining area and is committed to building strong and lasting relationships and prioritizing the mutual interests of all stakeholders to foster safe, sustainable, and successful operations. Solaris is also committed to transparent and responsible mining practices, recognizing that cultivating strong relationships with Indigenous Peoples is pivotal for long-term success. Guided by the United Nations Declaration on the Rights of Indigenous Peoples and Convention 169 of the International Labor Organization on Indigenous and Tribal Peoples, Solaris endorses the principle of free, prior, and informed consent when operating on private land, including traditional Indigenous territories.

In 2022, Solaris demonstrated its commitment to honouring Indigenous rights by continuing to implement our Policy on Indigenous Peoples, which we developed in 2021. This policy was specifically designed to respect and uphold the collective and ancestral rights of the Indigenous Peoples on whose land the Warintza Project lies, and it serves as a guiding framework for all current and future mining projects undertaken by Solaris.

This policy highlights our dedication to ensuring that Indigenous communities are acknowledged, respected, and actively involved in decision-making processes that directly impact their territories and traditional way of life. By establishing this policy, Solaris aims to foster a relationship built on mutual understanding, trust, and collaboration with Indigenous Peoples. This endeavour aims to promote sustainable and responsible mining practices that accentuate social inclusion and the preservation of cultural heritage.

Solaris interacts with Indigenous Peoples and is committed to transparency, education, and inclusion to:

- Build respectful relationships before starting any exploration activity through early, inclusive, and collaborative processes.
- Engage in meaningful dialogue through regular consultation meetings.
- Promote the effective participation of Indigenous Peoples in all project activities.
- Listen and genuinely respond to community concerns.
- Integrate the perspectives of Indigenous Peoples into Company decision-making to achieve self-defined community development goals.

This policy finds strong support in our ESG approach, as well as our Health and Safety, Human Rights, Supply Chain, Anti-Corruption and Bribery, and Sustainability policies. All internal guidance is subject to periodic review and updated as needed.

Anti-Corruption

UNGC 10

Anti-Corruption and Anti-Bribery

Solaris demonstrates its commitment to conducting business with integrity and in accordance with legal requirements by prioritizing anti-bribery and anti-corruption efforts and maintaining transparency through reporting mechanisms. Solaris has actively implemented measures to ensure compliance with anti-bribery and anti-corruption laws—specifically, Canada's Corruption of Foreign Public Officials Act (CFPOA). Through our compliance with the CFPOA and by adopting our Anti-Bribery and Anti-Corruption Policy, Solaris demonstrates its commitment to upholding high ethical standards in its business practices.

The Anti-Bribery and Anti-Corruption Policy sets clear guidelines for all Solaris employees, including senior executive officers and members of the Board of Directors, outlining how to comply with anti-bribery and anti-corruption laws. This policy also extends its expectations to business associates, partners, agents, contractors, and consultants who act on behalf of Solaris. Employees and contractors are required to sign the policy, ensuring their comprehension and dedication to upholding these standards.

Through the inclusion of anti-bribery riders in contracts, Solaris further emphasizes its zero-tolerance approach to bribery and corruption. The stipulation that contractors must sign the Anti-Bribery and Anti-Corruption Policy demonstrates Solaris's commitment to fostering a culture of compliance throughout its business relationships.

Solaris also encourages the prompt reporting of any misconduct or violations through its Whistleblower Policy. This policy provides a mechanism for employees to disclose any fraudulent or unethical activities they encounter, further reinforcing our commitment to upholding integrity and accountability.

Notably, in 2022, there were no reported instances of fraud to the Audit Committee, and no legal actions were carried out for anti-competitive behaviour, anti-trust issues, or monopolistic practices. This suggests that Solaris's implemented measures and policies are contributing to a culture of ethical conduct and compliance within the organization.

Legal and Institutional Frameworks

The Extractive Sector Transparency Measures Act (ESTMA), the Extractive Industries Transparency Initiative (EITI), and the Corruption Perception Index (CPI) are interconnected frameworks that, together, promote transparency and combat corruption in the extractive industries sector.

Extractive Sector Transparency Measures Act

The Extractive Sector Transparency Measures Act was enacted in Canada on June 1, 2015, as part of a global effort to promote transparency and combat corruption. This Act mandates extractive entities to disclose specific payments made to governments in Canada and abroad regarding the commercial development of oil, natural gas, and minerals. Solaris complies with ESTMA by annually reporting these payments on a country and project basis in our ESTMA report.

Extractive Industries Transparency Initiative

In 2020, Ecuador was approved to join the Extractive Industries Transparency Initiative

(EITI), becoming the 55th implementing country and the 11th in Latin America. Adherence to the EITI requires the Government of Ecuador to publicly disclose information on contracts, beneficiaries, income and payments, and state-owned companies. This commitment to transparency aims to improve the quality, accessibility, and timeliness of data related to Ecuador's extractive sector. In 2021, Solaris became a supporting company of the EITI in Ecuador, aligning with the global standards for the good governance of oil, gas, and mineral resources. The official pledge was made in the presence of representatives from the EITI Industry Group's Ecuador branch and the Pan American Development Foundation (PADF).

Corruption Perception Index

According to Transparency International's Corruption Perception Index (CPI) for 2023, Ecuador ranks 101 out of 180 countries, with a score of 36 out of 100. The CPI provides an assessment of the perceived level of corruption in the public sector of different countries, with a higher score indicating lower levels of corruption.



Community Engagement

The mining sector not only holds strategic importance for countries such as Ecuador, contributing to their economies through export revenue, royalties, and taxes, but it also has the potential to align with the principles of sustainable development. However, despite this potential, a significant level of societal distrust has existed towards mining practices, leading to a lack of consensus on the industry's role.

At Solaris, we are committed to transforming this perspective by advocating for responsible mining practices. We believe that responsible mining presents an opportunity to bridge historical socio-political and economic gaps, foster social trust, and develop comprehensive national mining legislation.

Rather than viewing conflicts in the mining sector as binary oppositions, Solaris recognizes the need to acknowledge interdependence and seek constructive outcomes. By embracing a collaborative approach and engaging with various stakeholders, we work toward finding common ground and addressing concerns in a mutually beneficial manner. This approach allows us to move beyond polarities and promote sustainable mining practices that prioritize environmental stewardship, social well-being, and economic growth.

Responsible mining is deeply rooted in the principles of sustainable development. In accordance with Article 395 of the Ecuadorian Constitution, which upholds a sustainable development model, responsible mining recognizes the importance of preserving cultural and environmental diversity, ensuring the natural regeneration capacity of ecosystems, and meeting the needs of both present and future generations. The State, as outlined in Article 315, plays a crucial role in supporting the management of strategic sectors and promoting the sustainable use of natural resources.

The pursuit of sustainable development within the mining sector involves adhering to strict environmental restrictions, as specified in Article 408, to ensure the sustainable enjoyment of resources. Simultaneously, responsible mining endeavors to contribute to poverty eradication and the fair redistribution of wealth and resources to achieve *buen vivir* as highlighted in Article 3, Section 5. By aligning with Ecuador's constitutional provisions, Solaris's responsible mining practices strive to harmonize economic growth with environmental stewardship and social well-being, emphasizing the long-term viability of its projects and equitable benefits for all stakeholders involved.



Buen vivir

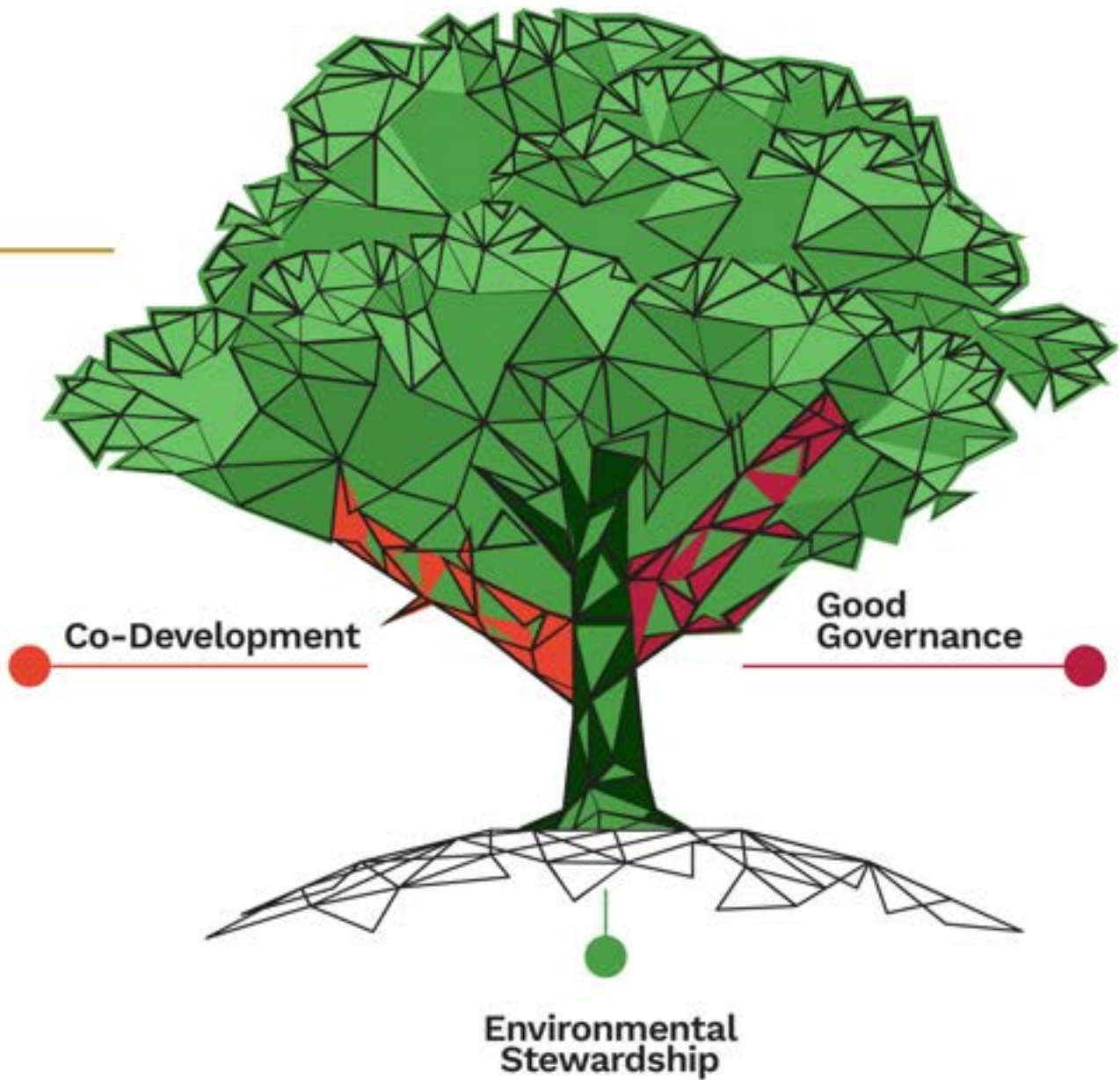
Buen vivir is a concept rooted in Indigenous and Andean philosophies that can be translated as “good living.” In the Ecuadorian Constitution, *buen vivir* is enshrined as a guiding principle and objective for the country’s development that calls for the pursuit of development that respects human rights, cultural diversity, environmental sustainability, and the fulfillment of basic needs for all members of society. *Buen vivir* represents a departure from the traditional Western notion of development centred around economic indicators and consumerism. Instead, it seeks to foster a more balanced and harmonious relationship between human beings, society, and the natural environment.

The Warintza Participatory Mining Model

Solaris is dedicated to an ethical and principled approach to exploration, underpinned by integrity, and embraces a Participatory Mining model as the cornerstone of its ESG strategy. Pioneered with our Warintza Project in Ecuador, Participatory Mining is a novel concept that we define as a sincere dedication to collaborating with Indigenous communities and all stakeholders. This collaboration involves mutual learning and the development of responsible exploration and mining practices based on strong relationships.

This approach includes democratizing the mining process by fostering genuine and fair relationships among communities, government entities, and the Company. It also involves embedding sustainability within every aspect of our operations, extending beyond the mining project's lifecycle, and maintaining the highest safety standards through continuous innovation. Solaris's Participatory Mining model fosters open dialogue among the state, the Company, and the community.

Emerging from our sustainability objectives, the Participatory Mining Model's foundational principles of effective governance, environmental stewardship, and co-development serve as pillars for ongoing expansion. This growth is undertaken with a precautionary approach, as illustrated in Figure 7.



The Warintza Participatory Mining Model

Figure 7.
Solaris's Participatory
Mining Model and
ESG pillars

Community Relations

Solaris is deeply committed to exploring mining projects in a responsible and inclusive manner, placing a strong emphasis on transparent dialogue, and building strong community relations. We recognize that establishing and maintaining equitable relationships with the communities in which we operate is crucial for creating a safe, sustainable, and successful operation based on trust and informed decision-making.

Solaris understands the importance of meeting community requirements in sustainable ways. By actively engaging with the community and addressing their needs, we strive to create long-term value and positive outcomes for all stakeholders involved. Through open dialogue, transparency, and collaborative decision-making, Solaris aims to build a foundation of trust and mutual respect, ensuring that the community's perspectives and interests are considered throughout the project's lifecycle.

Our Community Relations Department serves as the frontline for fostering these relationships, with the objective of ensuring fairness and inclusivity between Solaris and the communities in which it operates. The team is dedicated to building strong community relationships, promoting sustainable development, and improving the quality of life for the residents of the Warints and Yawi communities.

Since the restart of exploration activities at the Warintza Project in 2019, Solaris has consistently demonstrated its commitment to building equitable relationships with approximately 850 community members from Warints and Yawi, as well as community members from surrounding communities in San Antonio, San Miguel de Conchay, Valle de Chimandaz, and Nueva Principal.

The Community Relations Department is key to fostering positive and diplomatic relations in all aspects of Solaris's work. Collaborating with other areas, such as Corporate Social Responsibility, the department ensures the effective implementation of activities that benefit the community, being responsible for establishing regular communication channels with community leaders to coordinate and align activities in the Warints and Yawi communities. The team actively engages in consultation committees and processes, ensuring the participation of various interest groups, including vulnerable populations.

As part of Solaris's CSR efforts, Community Relations undertakes social benefit activities tailored to meet the specific needs and interests of the community. These initiatives involve coordinating the development and implementation of projects and assisting during

holidays, fairs, and community events through the provision of food products, hardware materials, and financial support. By engaging in these activities, Solaris contributes to the overall well-being and cultural vibrancy of the communities in which it is present.



Community Relations also plays a crucial role in environmental initiatives by coordinating the Citizen Participation Process (PPC) in the Warints and Yawi communities (see the next section). This process ensures community involvement and feedback prior to obtaining the Environmental License for the Advanced Exploration phase. Further, the team collaborates with the Escuela Superior Politécnica de Chimborazo (ESPOCH) to conduct surveys, fostering corporate relations and knowledge-sharing.

In terms of community engagement and conflict resolution, the Community Relations team intersects with Talent Management and Operations by implementing and enforcing complaint processes within local communities. This makes it possible to address emerging issues and concerns directly within the communities in a timely manner, promoting transparency and effective conflict resolution.

Community Relations actively promotes community engagement and joint participation by coordinating monthly community mingas in the Warints and Yawi communities. These traditional communal projects foster a sense of unity and benefit everyone involved. The team also ensures the quarterly delivery of food kits to elderly and disabled individuals, in coordination with the women's representative of the Strategic Alliance (see the Strategic Alliance section for more information). Lunches are also provided on a quarterly basis to 51 older adults in Nueva Principal, Valle de Chimandaz, and San Miguel de Conchay. To support educational institutions, the department coordinates the delivery of furniture and supplies to the Cordillera del Cóndor Educational Unit, contributing to the administrative and logistical development of the school.

Challenges, Achievements, and Goals

Solaris acknowledges the challenges it faces in obtaining and maintaining a social license for its mining activities. Building strong relationships with the community and NGOs is essential for such social license. Active participation and ensuring that actions align with stated intentions are vital for establishing trust.

Promoting citizen participation, especially in the context of the PPC (see the next section), is a challenge we continue to address. It is important for Solaris to engage with all segments of the community, including elders, and ensure their understanding of responsible mining practices. Citizen participation plays a pivotal role in achieving the objectives of the Warintza Project. By actively involving the community in decision-making processes, addressing their concerns, and ensuring their meaningful participation, Solaris can develop the Project in a participatory manner. This approach fosters a sense of ownership and shared responsibility, ultimately leading to a more sustainable and mutually beneficial outcome for all stakeholders involved.

Solaris has already achieved significant milestones in obtaining a social license. Effective management of local suppliers and maintaining stable communication with managers have contributed to building trust and social cohesion. We have obtained permits for prospecting work and received community support in logistics, food, and transportation for assemblies, meetings, and festivities. Social development initiatives, such as scholarships for youth, have been implemented, further benefiting the community.

Looking ahead to the future, Solaris will continue to foster open communication channels, encourage community involvement, and address any concerns or misconceptions in order to build a shared understanding of the benefits and impacts of responsible mining.

Citizen Participation Process and Advanced Exploration

The Citizen Participation Process (“PPC” for its initials in Spanish) is a mechanism for dialogue, participation, and consultation that is used to inform the population of the possible socio-environmental impacts of a project, initiative, or activity. The PPC also serves to gather the opinions and observations of those who live in the Warintza Project’s area of direct social influence. This process is carried out on a mandatory basis for the environmental regularization of all projects and activities of medium and high environmental impact.

In 2022, Solaris implemented a PPC in accordance with all applicable regulations for the Warintza Project to obtain its environmental license and continue with the Advanced Exploration phase. The PPC for the Caya 21, Caya 22, and Curigem 9 concessions in the Limón Indanza canton of the province of Morona-Santiago began by coordinating the entry of facilitators from the Ministry of Water, Environment, and Ecological Transition (MAATE) into the field.

To gather input and engage stakeholders, interviews were conducted with community leaders and members from Warints, Yawi, Valle de Chimandaz, Nueva Principal, San Juan Bosco, and Limón Indanza. These interviews aimed to determine appropriate outreach methods for the development of the PPC and identify key stakeholders who would participate in the process.

During the initial call for participation in the PPC, a communication strategy was implemented that involved mass media coverage in the areas directly affected by the Project. The Environmental Impact Studies and Environmental Management Plan for the Warintza Project were published on the MAATE website, as well as on Solaris’s website. This ensured that relevant information was available to stakeholders and the public.

Case Study: Public Participation and Consultation

During the PPC that took place from November 19 to December 3, 2022, Solaris implemented a range of initiatives to facilitate open dialogue and active engagement with stakeholders. The establishment of public information centres, both site-specific and mobile, played a crucial role in providing easy access to relevant information about the Project. This ensured that stakeholders had the necessary resources to participate effectively in the process.

In total, **12 mechanisms** for public participation and consultation were implemented, involving **nine communities** within the Project’s area of influence. These mechanisms were designed to encourage community members to actively contribute their opinions and perspectives, promoting inclusivity and ensuring that a wide range of voices were heard.

To maximize accessibility, we set up **four site-specific information centres and five mobile information centres**. This strategic approach aimed to reach a broader audience and make it easier for community members to access information and engage in the PPC.

As part of the process, three **public hearings** were conducted, providing a platform for further discussion and exchange of perspectives. These hearings offered an opportunity for stakeholders to express their views, ask questions, and raise any concerns they may have had.

Solaris’s commitment to transparency and inclusivity is evident in the outcome of the PPC, with **630 citizens voluntarily participating in the platform for dialogue and active listening**. This significant level of engagement reflects the efforts made to ensure that community members had the opportunity to be well-informed and actively involved in the decision-making process.

Strategic Partnerships

At Solaris, our collaborative efforts extend to two key types of strategic partnerships: our Strategic Alliance initiative, which involves long-term alliances with the Shuar Centers of Warints and Yawi, and our active engagement with local stakeholders, which includes partnerships with communities, government bodies, and non-governmental organizations. These partnerships collectively contribute to our mission of responsible and sustainable resource development.

Strategic Alliance

Solaris believes that strong, inclusive community relations are fundamental to creating a safe, sustainable, and successful operation built on trust and informed decision-making. This belief was transformed into action with the formation of the Strategic Alliance at our Warintza Project in August 2019 between Solaris and the Shuar communities of Warints and Yawi. This alliance serves as a platform for reviewing and discussing all activities related to the Project, ensuring that the voices and perspectives of the communities are heard and considered. It exemplifies Solaris's dedication to building strong partnerships with local communities, fostering meaningful engagement, and promoting sustainable and socially responsible mining practices.

The establishment of the Strategic Alliance marked an important step toward fostering dialogue between Solaris and the Yawi and Warints communities. Since then, the Strategic Alliance has been instrumental for facilitating direct and transparent dialogue regarding all Warintza Project-related activities.

Beyond its role in social outreach and communication, the Strategic Alliance has evolved into a pillar of good governance, characterized by a deep respect for traditional community structures. Solaris has proposed a democratic structure that complements the existing community governance, facilitating joint development and decision-making processes.



Strategic Alliance Board

The Strategic Alliance Board, whose structure is shown in Figure 8, plays a key role in empowering the community and strengthening the linkages between the community and Solaris. By facilitating joint development and decision-making practices, the Strategic Alliance Board enhances the capacity of the Strategic Alliance to shape new social models within the mining industry. This commitment to community empowerment and inclusive governance structures reaffirms the long-term social viability of the Warintza Project.

Strategic Alliance Board activities reflect Solaris's commitment to engaging with stakeholders, fostering community development, ensuring proper governance, and building strong relationships with investors, government entities, and community members.

In 2022, the Strategic Alliance Board of Directors elected new board members, ensuring the continuity and effective governance of the alliance, and convened multiple meetings in various locations to coordinate important initiatives and activities.

The Strategic Alliance Board was involved in the development, monitoring, modification, and final signing of a new cooperation and benefits agreement between Solaris and the Shuar Warints and Yawi Centers. Further, the Strategic Alliance Board provided support for and accompanied the signing of agreements with other entities, such as the Autonomous Decentralized Government of San Antonio, for the development of a new highway to Warints, a cooperation agreement with the Ministry of Agriculture and Livestock, health-related agreements with Warints doctors and brigades, and a plan to address malnutrition.

The Strategic Alliance Board also oversaw the development of various community activities and projects. They ensured the completion of six projects and actively participated in sports events, cultural celebrations, and important community occasions such as Christmas, Mothers' Day, Women's Day, and anniversary parties for the Warints and Yawi Centers.

Further, the Board provided support for conducting community censuses in Warints and Yawi, to gather demographic and socio-economic data for planning and development purposes. They also represented Solaris by participating in the Expo Minas-Quito exhibition alongside company representatives and attending the Prospectors and Developers Association of Canada (PDAC) in Canada.

The Strategic Alliance Board coordinated activities with various government entities such as the Ministry of Interior (MI), Ministry of Health (MSP), the Ministry of Economic and Social Inclusion (MIESS), Internal Revenue Service (SRI), the Ministry of Environment and Water and Ecological Transition (MAATE), Autonomous Decentralized Governments (GAD), Ministry of Labour (MT), the Ministry of Agriculture and Livestock (MAG), and the Morona Santiago Sports Federation (FDMS). These collaborations aimed to support the development of the Warintza Project and ensure effective engagement with government stakeholders.

Finally, the Strategic Alliance Board supported the development of community suppliers in Warints, Yawi, and Limón. They coordinated with SRI on workshops for small enterprises and organized supplier training programs specific to Warints and Yawi. In addition, the Board facilitated support and coordination with the Warints Center and the Hogar Foundation to provide medical care and organize medical brigades for the community.



Figure 8.
Strategic Alliance
Board structure

Local Stakeholder Relations

Solaris is committed to engaging with stakeholders, supporting local communities, promoting economic development, and ensuring compliance with permits and regulations. By actively collaborating and addressing the needs of various stakeholders, we aim to build strong relationships and contribute to the sustainable development of the regions where we operate.

In 2022, Solaris actively engaged in various stakeholder initiatives to foster inclusive community relations and strengthen relationships with local stakeholders.

Solaris developed, monitored, and modified a new cooperation and benefits agreement between Lowell and the Shuar Warints and Yawi Centers and prepared a draft community road plan cooperation agreement for communities in the western area. We drafted and prepared cooperation agreements with various entities such as the Cordillera de Cóndor Educational Unit, MAG, the Limón Professional Association, the Armed Forces, and the Ministry of Labor, among others. We also signed agreements with the Decentralized Autonomous Governments (GADs) of the San Antonio and Valle de Chimandaz communities, the Ministry of Health (doctors and brigade cooperation, malnutrition plan), and other government entities.

Solaris provided logistical support for community activities related to the Warintza Project. This included participation in exhibitions and fairs, meetings with government representatives for social outreach and project updates, coordination and support for the community population survey, and cooperation with universities and other stakeholders, including the development and follow-up of collaborative working groups.

Solaris planned and conducted training for Advanced Exploration, as well as training sessions for the Strategic Alliance Board and Citizen Participation Process. We also developed and supported community suppliers in Warints, Yawi, and Limón, conducted entrepreneurship workshops, and coordinated revenue services informational brigades.

Solaris managed payments, documentation, resource requests, and payments for the presentation of documents related to various permits in the Agency for the Regulation and Control of Energy and Non-Renewable Natural Resources (ARCERNR) and the Ministry of Environment, Water and Ecological Transition (MAATE).

Looking Ahead

Solaris plans to continue to actively engage in a range of stakeholder initiatives to further strengthen its operations and partnerships.

Solaris will also continue to foster effective collaboration and coordination among all areas of the Warintza Project, spanning multiple office locations. This includes offices in Macas, Quito, Cantón Limón, Warints, and Cuenca. By seeking to ensure seamless communication and cooperation among teams, we will optimize project operations, streamline decision-making processes, and enhance overall project efficiency.

Solaris recognizes the importance of complying with regulatory requirements and maintaining strong relationships with regulatory authorities. Looking ahead, we will provide support and resources to ensure compliance with relevant regulations and legal frameworks. This will include working closely with government agencies, regulatory bodies, and local authorities to address any regulatory matters and facilitate the smooth operation of the Warintza Project.

We acknowledge the significance of building strong relationships with local authorities in the Morona-Santiago province, where the Warintza Project is located. By establishing and nurturing these connections, we will foster mutual understanding, cooperation, and collaboration. These engagements will involve regular meetings, consultations, and dialogue with relevant authorities to address community concerns, discuss project developments, and ensure alignment with local development priorities.

ENVIRONMENTAL STEWARDSHIP

2-27: Compliance with Laws
3-3: Management Approach
UNGC 7,8,9

Solaris strives to foster a culture of transparency, responsibility, and environmental commitment in its operations. Solaris recognizes the importance of environmental stewardship and is committed to using best practices in exploration, development, and mining operations to protect the natural environment and promote ecosystem resilience and human well-being. We aim to minimize impacts on the ecosystem, protect human health, and restore exploration and mining sites to a high environmental standard.

We engage in stewardship actions, including a range of activities, behaviours, decisions, and technologies implemented by stewards, including individuals, groups, and networks of actors. We actively collaborate with the communities surrounding our projects and we consider both ancestral or community world views and the Company's Western world views to develop sustainable environmental stewardship models.

Stewardship measures are the quantifiable benefits to the environment that result from stewardship actions. Through transparent reporting on our environmental and climate-related progress and targets, we demonstrate our commitment and responsibility to the land and the ecosystems it sustains.



Environmental Management

Environmental management is central to our sustainability commitment. We have implemented a comprehensive program to minimize our ecological footprint, conserve resources, and promote stewardship. At Solaris, we proactively monitor our activities to prevent and address environmental impacts, fostering awareness among our personnel as outlined in our Environmental Management Plan.

Licensing and Permits

Solaris has met the environmental impact criteria for its Warintza Project, which enabled us to commence the Advanced Exploration phase of concessions Caya 21, Caya 22, and Curigem 9. Following current environmental regulations in Ecuador, approval ensures that we are in possession of the environmental permits necessary for exploitation, advanced exploration activities, and the generation of hazardous waste.

In 2022, the Environmental Team organized a series of trainings and outreach sessions on environmental monitoring for community members, as well as workers and employees of the Warintza Project, to promote education and knowledge about environmental standards and regulations.

The main stakeholders involved in the PPC for the environmental licensing associated with the Advanced Exploration of Caya 21, Caya 22, and Curigem 9 are the Warints, Yawi, and Valle de Chimandaza communities; the Government of Ecuador's Ministry of Environment, Water and Ecological Transition; and Solaris Resources, Inc., as the mining concession owner.

Solaris complied with environmental obligations according to the deadlines established in Ecuadorian regulations. In 2022, we were not involved in any administrative processes related to the generation of environmental pollution or damages to third parties.

Environmental Management Plan

Solaris's Environmental Management Plan (EMP) is comprised of individual management plans with unique key performance indicators, means of verification, and registered frequency. Solaris consistently demonstrates a commitment to responsible environmental management and dedication to mitigating the environmental impact of its activities throughout its operations. As of the end of 2022, we maintained 100% compliance with the EMP. This plan provides for the following:

Waste management: In 2022, Solaris implemented measures to control waste production and maintain a comprehensive registry of waste. Infrastructure is in place for the storage of both hazardous and non-hazardous waste. We ensure proper control and documentation of waste transport, including appropriate delivery and declaration processes. Waste generated from drilling activities is treated in accordance with environmental regulations.

Prevention and mitigation of environmental impacts: Regular maintenance is conducted on drilling equipment, latrines, and biodigesters to prevent environmental impacts. Solaris ensures that additives used in its operations are environmentally friendly. We carry out tests at water discharge points to monitor compliance with water quality standards. The construction of roads and platforms follows established norms and regulations to minimize environmental impacts.

Contingency management: Solaris conducts risk assessments to identify potential incidents such as spills or improper waste management. A formal protocol for contingencies has been developed, and

staff, contractors, and visitors receive training on contingency management. This proactive approach helps minimize the environmental impact of any unforeseen events.

Employee training and communications: We provide specific training to staff and new employees regarding contingency management and proper conduct around wildlife. We strictly prohibit the capture, harassment, hunting, and fishing of wildlife to protect local ecosystems.

Follow-up and monitoring: Solaris presents our EMP and compliance report to Ecuador's environmental authorities biannually. We conduct monitoring of soil, water, and noise quality across all our concessions. We also monitor wastewater quality at discharge points to ensure compliance with environmental standards.

Community relations: Prior to commencing work at a site, Solaris conducts a socio-economic baseline study to understand the living conditions of the communities in the Project's area of influence. We hold quarterly community information sessions as part of our commitment to EMP. Further, we conduct joint environmental monitoring sessions with the community, and offer workshops on environmental stewardship.

Closing and abandonment: When closing platforms or drilling-related activities, Solaris takes measures to minimize environmental damage to ecosystems in the intervened areas. Environmental and biotic monitoring are conducted, and forest rehabilitation efforts are implemented on all platforms and camps to restore the natural environment.

Adjusted Environmental Management Plan for Advanced Exploration

The transition to the Advanced Exploration phase in Ecuador required adjustments in environmental, mining, and operations regulations. In terms of environmental regulations, Advanced Exploration requires an environmental license and an environmental impact study, along with an annual environmental compliance audit. Further, the conservation patent payment for advanced

exploration is higher, at 5% of the unified basic remuneration per hectare concessioned.

In terms of operations, advanced exploration allows for larger platform areas, construction of roads and tracks, and multiple heliports per concession. These changes reflect the increased scale and scope of activities involved in advanced exploration and the need to address potential

environmental impacts and ensure effective operations management.

Table 16 sets out the similarities and differences between Initial Exploration stage and the Advanced Exploration stage related to environmental regulations, mining regulations, and operations in Ecuador.

	Initial Exploration	Advanced Exploration
Environmental regulation	<p>Requires an Environmental Registry and the submission of an Environmental Factsheet.</p> <p>A semi-annual minimum Environmental Monitoring and Follow-up Report is made, along with annual Environmental Compliance Reports.</p>	<p>Requires an Environmental License and an Environmental Impact Study.</p> <p>A semi-annual minimum Environmental Monitoring and Follow-up Report is still made.</p> <p>An Environmental Compliance Audit is required every year from the first year of the issuance of the Environmental License.</p>
Mining regulation	<p>Requires payment of a conservation patent by concession, which is 2.5% of the unified basic remuneration for each hectare concessioned.</p>	<p>Requires payment of a conservation patent by concession, which is 5% of the unified basic remuneration for each hectare concessioned.</p>
Operations	<p>Allows for platforms built over areas of up to 10 x 10 m.</p> <p>The construction of roads is not authorized, but the construction of trails of up to 1.5 m and of temporary and permanent camps is allowed.</p> <p>The drilling core diameter is 7 cm, and only one heliport is allowed per concession.</p>	<p>Allows for platforms built on areas of up to 30 x 30 m.</p> <p>The construction of roads or tracks with a maximum width of 6 m is permitted, and multiple roads (up to 24) can be constructed. The construction of trails of up to 1.5 m and temporary and permanent camps is authorized.</p> <p>The drilling core diameter remains at 7 cm, but more than one heliport is allowed per concession.</p>

Table 16.
Differences between the Initial and Advanced exploration stages

Note: This table may not be exhaustive; additional requirements and considerations may exist based on specific circumstances and the applicable laws and regulations.



Water and Waste Management

303: Water and effluents 2018
306: Effluents and waste 2018
UNGC 7, 8, 9

The Warintza Project is located in the Amazon River basin, the Zamora River sub-basin, the Coangos River basin, and the micro-basins of the Akerones, Kutucus, Maikiuants, Piuntz, and Warints rivers. The Project relies on water sources from the Warints and Piuntz rivers for authorized collection points for human and industrial use. In compliance with Ecuadorian environmental regulations, an external environmental consulting firm accredited by the National Environmental Authority is responsible for identifying environmental impacts.

To assess these impacts, field visits and water sample tests are conducted. In its natural state, water bodies in the area have a pH ranging from 7.4 to 8.1. The analysis of BOD (biochemical oxygen demand) and COD (chemical oxygen demand) values is conducted based on water quality criteria specified by environmental regulations. It is important to note that in the baseline conditions, without any alteration caused by Solaris's presence, metal values already exceed the water quality criteria for copper, aluminum, iron, lead, manganese, chromium, zinc, cadmium, and selenium. The evaluation of environmental impacts follows the Leopold matrix (1971) modified by Arregui and Byron (2000).

Water monitoring is conducted quarterly in January, April, July, and October, including both upstream and downstream testing at the Project's camps. Each exploration camp is equipped with biodigesters to treat wastewater before discharge into water bodies. Additionally, one camp has a water treatment plant specifically for treating black and grey water. Contractors responsible for drilling activities utilize sedimentation tanks to recirculate water, ensuring that no discharge occurs from drilling operations.

Discharge criteria are established by the Environmental Quality and Effluent Discharge Standard issued by the Ecuadorian National Environmental Authority. Solaris actively monitors and ensures compliance with the maximum permissible discharge limits into freshwater bodies.

No water extraction occurs in areas with water stress. Water meters have been installed at the entrance to platforms to accurately measure the volume of water used. This enables Solaris to effectively manage water resources and promote responsible water usage practices. Table 17 and Table 18 offer insights into comprehensive water and waste management metrics, encompassing data on total water withdrawn, discharged, and consumed, as well as significant spills, waste disposed, and types of waste.

	2021	2022
Total water withdrawn	158 ML*	83 ML
Total water discharged	91 ML	52 ML
Water discharged	58%	62%
Total water consumed	67 ML	33 ML
Total significant spills	1	0

Table 17.
Water management

Note: The percentage of recirculated water is the amount of water that is reused and recirculated in drilling. The total water consumption has been considered as the amount of water used for the operation of drilling machines.
*ML = megalitres

	2021	2022
Total waste—hazardous	103	140
Total waste—nonhazardous	88	130*
Total waste disposed of (landfill, treatment, and incineration)	191	270

Table 18.
Waste management

Notes: All waste produced in accordance with Solaris's Environmental Management Plan has been considered for drilling platforms and camps. All hazardous waste produced in the Project is collected by the company and delivered to a management company that is approved by the regulatory legal entity for its proper disposal.
*Approximate real value due to incomplete exact weight measurements.



Biodiversity and Ecosystem Management Strategy

3-3: Management approach
304: Biodiversity
UNGC 7, 8, 9

Solaris promotes a holistic approach to environmental management. With this approach, we seek the preservation of biodiversity, the sustainable use of natural resources, and the well-being of local communities in the area influenced by the Warintza Project. Our Biodiversity Management Strategy demonstrates Solaris's commitment to environmental principles 7 and 8 of the UNGC and to SDG 15, "Life on Land," of the UN 2030 Agenda. We undertake concrete initiatives to promote environmental responsibility.

As part of Solaris's comprehensive EMP, we are committed to identifying and preserving the rich diversity of flora and fauna within our concessions and areas of influence. Solaris adheres to the guidelines set by the International Union for Conservation of Nature (IUCN) Red List species to ensure the protection of vulnerable and endangered species.

To safeguard natural habitats and ecosystems, our management approach incorporates precautionary measures. Solaris takes proactive steps to prevent and address any potential damage that may occur during exploration-related activities. If intervention becomes necessary in a specific area, we carry out biotic release activities under the supervision of specialized biologists. These activities strictly adhere to established protocols and fully comply with Ecuadorian environmental regulations, including the possibility of relocation.

By implementing these measures, Solaris strives to mitigate any negative impact on the environment and actively contributes to the conservation of biodiversity. Our commitment to sustainable practices aims to ensure the preservation of ecosystems for current and future generations.

Table 19 shows the type and number of IUCN Red List and national conservation list species with habitats in areas affected by Solaris's operations. The number of reported species has significantly increased due to expanded sampling efforts and improved data collection during environmental impact studies for advanced exploration. This increase is a result of more comprehensive survey methods, advanced technology, and the exploration of previously unexplored areas. It is crucial to consider this growth in species documentation for accurate environmental impact assessments and effective conservation measures.

Species type	2021	2022
Critically endangered	1	0
Endangered	0	6
Vulnerable	7	25
Near threatened	58	20
Least concern	223	662
Total	289	713

Table 19.
IUCN Red List species and national conservation list species with habitats in areas affected by Solaris's operations

Case Study: WCS Biodiversity Project

In 2022, Solaris worked in partnership with the Wildlife Conservation Society (WCS) over a 10-month period to design a Biodiversity Management Strategy for the Warintza Project. As part of our sustainability program, Warintza Sustainable 2022, this alliance yielded a key environmental management tool to reduce impacts on biodiversity during initial exploration activities by incorporating international biodiversity management standards from the mining sector into the design of the Biodiversity and Ecosystem Management Strategy. By December 2022, we had achieved 62% project completion.

This pilot project demonstrates how Solaris is promoting opportunities for Ecuador to begin to implement biodiversity management tools that are already a standard practice in other countries, such as Colombia, by applying the mitigation hierarchy and compensation for loss of biodiversity.

We hope that other companies nationwide also commit to the goal of no net loss of biodiversity.

Objective 1: Risk analysis of biodiversity and ecosystem services related to the Warintza Project

To achieve this objective, Solaris is conducting a comprehensive risk analysis of the biodiversity and ecosystem services in the area influenced by the Warintza Project. This analysis involves gathering relevant biological information to understand the biodiversity within the Project area. By assessing the quality of ecosystems and assigning quantitative values to their attributes, we can identify the potential impacts and dependencies on biodiversity and ecosystem services.

The risk analysis will also consider the potential profit and loss associated with various activities and interventions, allowing for informed decision-making and the development of mitigation strategies. By understanding the specific characteristics and components of ecosystems, Solaris can further assess their functioning and determine the restoration potential of each ecosystem. This assessment will guide targeted conservation and restoration efforts to minimize negative impacts and promote the preservation of biodiversity.

Objective 2: Design BES strategy

The Biodiversity Ecosystem Services (BES) strategy is a series of recommendations for mine lifecycle planning related to key biodiversity components in the area of influence of the Warintza Project. This strategy will provide a set of recommendations and guidelines for incorporating key biodiversity components into the planning and implementation of the Project.

The BES strategy will involve the application of the mitigation hierarchy, which prioritizes actions to prevent, minimize, restore, and offset biodiversity impacts. By considering biodiversity and ecosystem services throughout the decision-making process, Solaris aims to minimize the negative environmental effects of the Project and enhance its overall sustainability.

To ensure a comprehensive approach, Solaris will also develop a mapping and engagement strategy that includes sensitive actors such as the Warints and Yawi communities. This strategy will involve conducting focus groups and actively engaging with community members to incorporate their perspectives and traditional knowledge into biodiversity conservation and sustainable development initiatives. By fostering collaboration and consensus among stakeholders, we aim to achieve mutually beneficial outcomes aligned with the needs and aspirations of the local communities.

"Solaris recognizes the vulnerability of biodiversity and the fragility of natural ecosystems. The contract with WCS is an important sign of our commitment to the responsible management of Ecuador's biodiversity in our area of influence. It is also a great opportunity for the mining industry to demonstrate that it can invest in strategies that contribute to generating a positive impact on ecosystems."

— *Federico Velásquez,*
Solaris's President, Latin America

"We are in the process of redesigning environmental impact studies and administrative processes, so they go beyond environmental management and also emphasize biodiversity, ecosystem value, and soil conservation. We need committed projects, like Warintza, that show that a responsible mining model with a comprehensive perspective is indeed possible."

— *Bianca Dager, Vice Minister of Environment, Ecuador*

Climate Change and Greenhouse Gases

305: Emissions
UNGC 7, 8, 9
GRI 302

Solaris is firmly committed to addressing climate change. As a responsible mining company, we understand the significant role the mining sector plays in the low-carbon transition. We are committed to taking action to mitigate emissions throughout the value chain, supporting communities in adapting to physical impacts of climate change, and recognizing the Company's role as an explorer of copper minerals.

In terms of mitigating emissions, Solaris is dedicated to implementing strategies and practices that reduce its carbon footprint. This includes adopting energy-efficient technologies, optimizing energy consumption, and exploring renewable energy options wherever feasible. By implementing a carbon reduction strategy and promoting energy optimization plans, we aim to minimize our environmental

impact and contribute to the global efforts to combat climate change.

Solaris also recognizes the importance of supporting communities in adapting to the physical impacts of climate change. This entails engaging with local stakeholders, conducting socio-economic studies, and implementing initiatives that enhance community resilience and promote sustainable development. By considering the potential effects of climate change on the regions where the Company operates, we strive to ensure the long-term well-being and stability of these communities.

Further, Solaris acknowledges its role as an explorer of copper minerals, which are vital for the development and deployment of new technologies aimed at addressing climate change. Copper is a critical component in renewable

energy systems, electric vehicles, and energy-efficient technologies. By responsibly exploring and potentially extracting copper resources, we contribute to the sustainable development of these technologies and support the global transition to a low-carbon economy. Table 20 presents data on GHG (greenhouse gas) emissions for the years 2021 and 2022, measured in metric tons of CO₂e (carbon dioxide equivalent). The table also includes the percentage change, indicating whether there was a reduction or increase in emissions between the two years.⁴ Greenhouse gas emissions were measured for our offices in Quito, Limón, Indanza and Macas; our core shack warehouse in Quito; our exploration camps in Piunts, Oso, Entza, Warintza Sur, and Trinche; and Warints and Yawi community camps, all located in the Province of Morona Santiago.

GHG emissions	2021 (in t CO ₂ e)	2022 (in t CO ₂ e)	% of reduction or increase
Scope 1 emissions (direct)	2,546.93	1,911.43	-25%
Scope 2 emissions (indirect)	9.92	17.02	+72%
Scope 3 emissions (indirect)	676.81	394.02	-42%
Total	3,233.66	2,322.47	-28%

Table 20.
Solaris's greenhouse gas emissions comparison: 2021 vs. 2022

⁴ The verification used the requirements of the NTE INEN-ISO 14064-1 standards, the GHG Protocol and the guidelines for the Ecuador Zero Carbon Program (PECC) MAATE-2021-047 Organizational Technical Standard; evaluated before NTE INEN-ISO 14064-3. Considering the level of reasonable assurance, a materiality less than or equal to 5%, the objective of the inventory, the report, the data records, the process and the procedures verified, there is evidence that the GHG emissions reported by the organization, responsible party and/or client called LOWELL MINERAL EXPLORATION ECUADOR S.A., dated January 1, 2021 to December 31, 2021 is substantially correct and is a faithful representation of GHG information and data, which is prepared in accordance with the standard(s): NTE INEN-ISO 14064-1:2018, the standards of the Greenhouse Gas Protocol (GHG PROTOCOL), and in compliance with the requirements of the Ecuador Zero Carbon Program MAATE-2021-047 for the quantification of emissions, according to the GHG report of the 2021 inventory period.

Energy Use and Efficiency

Solaris is dedicated to addressing climate change, promoting sustainable energy practices, and actively contributing to the global sustainability agenda. By integrating sustainability into our operations, we aim to create a positive impact on the environment while maintaining competitiveness in the industry.

In 2022, Solaris focused on identifying opportunities for continuous improvement in its processes, which led to reducing costs, gaining recognition, and increasing competitiveness. Here are some of our achievements related to climate change and sustainable energy:

- **Recognition by the Global Compact:** Solaris was recognized for its participation in the Mundialito SDG 2022 sports program. This recognition highlights our commitment to the United Nations' SDGs and its efforts in promoting sustainable development.
- **Carbon reduction strategy:** Solaris initiated the implementation of a carbon reduction strategy in 2022. This strategy aims to reduce our carbon emissions and contribute to mitigating climate change. We are actively working towards achieving the targets set for carbon reduction (level 2 of Ecuador's Zero Carbon Program, PECC).
- **Employee training:** Solaris provided training to its employees on climate change and energy awareness. By raising awareness and educating employees, we aim to foster a culture of sustainability and encourage individual actions that contribute to energy conservation and climate protection.
- **Energy optimization plans:** Solaris developed energy optimization plans for its exploration operations and activity planning. These plans focus on optimizing energy usage, minimizing waste, and implementing energy-efficient practices to reduce the environmental footprint of our activities.
- **Carbon neutrality of Ecocopter:** Solaris's main helicopter service provider in Ecuador, Ecocopter, has achieved carbon neutrality. It is the first helicopter company in South America to offset its carbon footprint. This partnership aligns with Solaris's commitment to promoting sustainable practices throughout its supply chain and collaborating with environmentally responsible partners.





CO-DEVELOPMENT

GRI 203

Solaris is dedicated to sustainability, climate action, gender equality, and the promotion of the United Nations Sustainable Development Goals. By actively participating in these initiatives, we align our operations with global sustainability standards and contribute to a more sustainable future.

The mining sector plays an important role in many national economies, and Ecuador is no exception. Solaris is convinced that responsibly managed mining, and in our case mining exploration, can make significant contributions to the economic development of Ecuador and the Amazon region. Our Warintza Project's Participatory Mining Model can lead to reductions in levels of poverty and overall improvements in social well-being, as demonstrated by data gathered from our activities in the Project's area of influence over the past few years.

The mining sector offers a range of visible opportunities that have far-reaching effects on both the economy and local communities. These opportunities include:

- **Contribution of taxes, royalties, and other payments to the government:** These financial contributions can be utilized for public services, infrastructure development, and social welfare programs, benefiting the entire nation.
- **Creation of local employment:** The mining industry requires a diverse workforce with various skills and expertise, providing employment opportunities for individuals within the communities where mining operations are located. By hiring local residents, mining companies stimulate economic growth, reduce unemployment rates, and enhance the livelihoods of community members, fostering self-sufficiency and prosperity.
- **Supply chain development:** Mining operations rely on a wide range of goods and services, creating a demand that can stimulate the growth of local businesses. By engaging with local suppliers and supporting their development, mining companies contribute to the expansion and diversification of the local economy. This not only strengthens the resilience of the supply chain but also promotes entrepreneurship and fosters sustainable economic development.
- **Infrastructure development:** Mining projects often require substantial investments in infrastructure, such as roads, power supply, and communication networks. These investments not only facilitate efficient mining operations but also have a positive spillover effect on the surrounding areas. Improved infrastructure enhances accessibility, connectivity, and trade, benefiting not only the mining industry but also other sectors and the local population.
- **Community development projects:** Mining companies recognize the importance of engaging with and investing in the communities where they operate. Through various initiatives, such as education programs, healthcare services, and infrastructure projects, mining companies contribute to the overall well-being and development of the local communities. These community development projects aim to create a positive social impact, enhance the community's quality of life, and foster sustainable growth beyond the mining operations.

At Solaris, we are committed to engaging with and exchanging knowledge among all stakeholders and partners for sustainable growth. Solaris places great value on the significance of social connections and collaboration among local, national, and international stakeholders in the pursuit of sustainability objectives. We recognize that horizontal and vertical social networks, characterized by information-sharing and collaboration, play a vital role in driving long-term prosperity and generating sustainable value for both host communities and Solaris, as well as society at large.

The Warintza Model in Practice:

A Year of Planting Seeds for Sustainable Growth

By bridging structural gaps and fostering social capital through reciprocity and mutual exchange, we are committed to contributing to the development and growth of the communities in which we operate, while simultaneously ensuring the advancement of Solaris itself. This approach forms the foundation of our joint community and Company growth philosophy: the Warintza Participatory Mining Model, pioneered at the Warintza Project and exemplified by our Warintza Sustainable 2022 program. This program, centred around the concept of Planting Seeds for Growth, recognizes the interdependence of community and Company development as prerequisites for achieving sustainable progress. It sets us apart from other mining companies by placing a strong emphasis on co-creating sustainable outcomes.

In 2022, Solaris dedicated significant efforts to enhance transparency and accountability in our ESG practices. These endeavours have been guided by our Participatory Mining Model and the invaluable knowledge gained from our initial exploration activities at the Warintza Project over the previous three years.

UN Sustainable Development Goals

The United Nations SDGs, part of the 2030 Agenda for Sustainable Development adopted by the 193 United Nations member states, comprise the world's comprehensive plan of action to achieving sustainable development.⁵

According to the 2023 Exposure Draft of the GRI Sector Standards Project for Mining, since the SDGs and associated targets are integrated and indivisible, mining organizations have the potential to contribute to all SDGs by enhancing their positive impacts and by preventing and mitigating their negative impacts on the economy, environment, and people.

The Participatory Mining Model directly promotes sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work. The Participatory Mining Model is based on local employment, which creates immediate as well as long-term jobs, generating income, training, education, and soft and hard skills to ensure long-term growth.

The Participatory Mining Model requires the acquisition of goods and services in large volumes, providing jobs and promoting industry and growth in rural areas such as the Amazon. Consequently, productive chains arise, and the imaginary "pie" of shared benefits is enlarged to benefit more stakeholders.

The Participatory Mining Model intersects with every single one of the SDGs on the 2030 Agenda. Born of the notion of a strategic alliance, it inspires a multiplier effect for the creation of many more partnerships with public and private institutions, educational institutions, civil society organizations, and not-for-profit organizations, among others.

Energy Use and Efficiency

In 2022, Solaris was selected as one of the 850 companies from over 80 countries to participate in the Early Adopter Programme organized by the UNGC. As part of this program, we gained early access to the pre-release version of the new Communication on Progress (CoP) digital platform. Solaris had the opportunity to provide feedback and insights to shape the platform before its full release in 2023. We successfully completed the program by disclosing our progress on the new CoP platform. In addition to the Early Adopter Programme, Solaris has engaged in various initiatives and programs under the UNGC:

- Solaris actively participates in the Climate Ambition Accelerator, which focuses on accelerating corporate climate action in Latin America. Through this engagement, we demonstrate our commitment to setting ambitious climate targets and implementing sustainable practices to mitigate climate change.
- Solaris is an active participant in the Target Gender Equality program, which aims to advance gender equality and women's empowerment in the workplace. We engage in gender-related planning and take proactive measures to promote gender equality within our operations.
- Solaris represents SDG 11: Sustainable cities and communities in the SDG Soccer Tournament organized by the UNGC Ecuador chapter. Through this initiative, Solaris raises awareness about the SDGs and their importance in building sustainable communities.

Solaris participates in the Green Ecuador program, which provides training on corporate carbon footprint management. By dedicating 30 hours of training for our employees, we demonstrate our commitment to environmental sustainability and the reduction of our carbon footprint.

5. United Nations General Assembly. Resolution adopted by the General Assembly on 25 September 2015. Transforming our world: the 2030 Agenda for Sustainable Development, 2015.

Sustainable Development Programs

Solaris operates five community-based sustainable development initiatives that have a direct and indirect impact on community growth within the Project's influence areas. The programs were formulated to focus on green growth, inclusive growth, and circular economy principles, with an emphasis on equity, resilience, and conservation of natural and cultural resources. The programs include Warintza Deporte (sports), Warintza Educa (education), Warintza Emprende (entrepreneurship), Warintza Mujer (gender equality), and Warintza Verde (environmental stewardship).



Warintza Mujer

(GENDER EQUALITY)

Under the umbrella of Warintza Mujer, Solaris is committed to supporting the Shuar women of Warints and Yawi by implementing proposals that aim to enhance their well-being.⁶ Our top priority is to eliminate all forms of violence against women and girls, aligning with the UN 2030 Agenda, particularly Goal 5: Achieving gender equality and empowering all women and girls. We firmly believe that by actively addressing the unique challenges faced by women and girls, we can foster a more inclusive and equitable society.

According to a 2018 report published by UN Women, gender equality and the empowerment of women and girls are essential drivers of sustainable development across various dimensions.⁷ Yet women and girls face significant structural barriers that impact all aspects of their lives, making it crucial to address and eliminate gender-specific constraints and discrimination.

In Ecuador, where more than half of the population is comprised of women, statistics from the National Survey on Family Relations and Gender Violence Against

Women (ENVIGMU) reveal alarming rates of violence against women. On average, 65 out of every 100 women between the ages of 15 and 49 reported experiencing some form of violence due to their gender. Indigenous women face heightened vulnerability, with experiences of violence, discrimination, and threats to their human rights and fundamental freedoms. The province of Morona-Santiago, which has a significant Indigenous population, exhibits a higher proportion of women reporting experiences of gender-based violence.

Violence against women not only constitutes discrimination but also severely hampers women's ability to enjoy equal rights and freedoms compared to men. Indigenous women often confront multiple forms of discrimination that subject them to human rights violations in many aspects of their daily lives.

In the context of Ecuador's growing mining industry, Solaris acknowledges power imbalances along gender lines and is dedicated to collaborating with the communities of Warints and Yawi to empower Indigenous women. We firmly believe

that gender equity, rooted within the community, is integral to advancing exploration activities and fostering the development of our core business. In response to limitations facing women when it comes to opportunities for personal and professional growth, in 2022 Solaris collaboratively developed and implemented a key Warintza program—Warintza Mujer—that seeks to empower Indigenous women in the autonomous exercise of their rights.

With a focus on capacity-building, knowledge-sharing, and empowerment, Solaris seeks to contribute to a more inclusive society where Shuar women have equal access to their rights and are supported in their pursuit of a better quality of life. By equipping women with knowledge and empowering them to navigate systems and processes related to their rights, Solaris aims to dismantle barriers and promote women's access to necessary support and services. The following sections detail the various initiatives undertaken as part of Warintza Mujer.

6. See the Warintza Mujer Facebook page at <https://www.facebook.com/people/Warintza-Mujer/100063139436576/>.

7. UN Women, 2018.

<https://www.unwomen.org/sites/default/files/Headquarters/Attachments/Sections/Library/Publications/2018/SDG-report-Chapter-3-Why-gender-equality-matters-across-all-SDGs-2018-en.pdf>



Project Núa

Solaris is committed to promoting gender equality, cultural preservation, and community development. In 2022, Solaris recognized the importance of implementing coordinated activities to ensure the sustainable use of space and integration into a larger project focused on promoting Indigenous women's rights, empowering women, and reducing the gender gap in the communities. To fulfil this vision, Solaris contracted the Centro Ecuatoriano de Desarrollo y Estudios Alternativos (CEDEAL) in 2022 to develop and execute Project Núa, aimed at helping Indigenous women exercise their rights. Núa means "woman" in the Shuar language.

From May 2022 to May 2023, Solaris engaged the participation of women from the Warints and Yawi communities in activities focused on capacity-building regarding women's rights, reproductive rights, gender-based violence, and women's empowerment. The main goal was to contribute to the reduction of barriers hindering Shuar women's access to exercising their rights in the communities of Warints and Yawi.

To achieve this, Solaris and CEDEAL identified the specific goals of advancing more inclusive capacity-building efforts for women, providing them with knowledge and empowerment on mechanisms that protect their rights, and enabling them to influence effective and timely access to protection measures and services. The direct beneficiaries of the project were 35 Shuar women from the Warints and Yawi communities. Indirect beneficiaries included the families of the participating women, community leaders, and faculty members of the Cordillera del Cóndor School Board.

In 2022, we carried out a number of endeavours as part of Project Núa:

- Solaris conducted a comprehensive **sociocultural gender assessment** in the communities of Warints and Yawi. This assessment was developed upon the request of and based on the input of community leaders, which was gathered through interviews, meetings, and information collection phases. The assessment considered four interdependent criteria: well-being, access, participation, and control. This provided a deeper understanding of the different situations within the communities and served as a foundation for further initiatives.
- Solaris organized a series of **16 monthly workshops** in Warints and Yawi covering topics such as sexual and reproductive education, women's rights, identity, gender equity, self-esteem, and Indigenous women's political representation. A total of 35 women participated in at least one workshop, and 26 women

received certificates for participating in at least two workshops throughout the year. These workshops aimed to empower women, promote awareness, and foster a supportive environment for personal and collective growth.

- Solaris, in collaboration with CEDEAL, developed a **Community Protocol** with guidelines for the **care of Shuar Indigenous women** as survivors of gender-based violence. This protocol, part of the Núa Project, contributes to the elimination of violence against women and girls.



- Solaris facilitated a **knowledge exchange program in El Coca**, in the Province of Orellana, where 11 community members from Warints and Yawi, along with four members from the CEDEAL and Solaris teams, had the opportunity to interact with Shuar women as well as Kichwa women from another region of the Ecuadorian Amazon. This exchange provided a platform for sharing perspectives and experiences, expanding understanding, and exposing historical power imbalances. For many participants, it was their first time outside of their home province, as social norms had limited their ability to leave the communities unaccompanied. This exchange aimed to bridge knowledge gaps, promote cultural exchange, build community, and foster a sense of empowerment among Indigenous women.
- To commemorate the completion of trainings and workshops, Solaris sponsored the first **Kuri Núa Women's Assembly** of the Warints and Yawi communities.⁸ Kuri núa means "golden woman" in the Shuar language. Co-created with Shuar women and Solaris in collaboration with CEDEAL, the assembly addressed topics such as human rights, self-esteem, and leadership, among others.

With locally generated projects such as these, Solaris aims to empower Indigenous women, promote social justice, and create a more inclusive and equitable society. We aim to prioritize UN Sustainable Development Goal 5: Achieve gender equality and empower all women and girls. The assembly marked the successful completion of the Project Núa, made possible by the support of CEDEAL.

⁸ Video of the Assembly is available at <https://www.facebook.com/SolarisResourcesInc/videos/954436632417046>, and photos are posted at <https://www.facebook.com/photo/?fbid=635894688555182&set=a.433503945460925>

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SHUAR NUA JEE

Shuar Núa Jee (WOMEN'S HOUSE)

Solaris is committed to promoting gender equality, women's empowerment, and community development. By providing a dedicated space that responds to the diverse needs of the women in Warints and Yawi, Solaris aims to create an inclusive and supportive environment where women can thrive and contribute to the social and economic fabric of their communities.

In March 2022, Solaris celebrated the inauguration of the Shuar Women's House, known as Núa Jee in the Shuar language, in the community of Warints. This physical structure, located alongside the communal building, serves as a vital resource to ensure a safe and empowering space for women while promoting the Núa Project.

The Shuar Women's House is designed to fulfil multiple functions, providing the women of Warints and Yawi with a dedicated space to engage in various activities:

- As a **venue for work meetings**, Women's House fosters collaboration and enables the development of trainings and workshops as a hub for women to share knowledge, skills, and experiences, contributing to their personal and professional growth.
- By offering **exhibition and marketing space** for crafts created by Warints and Yawi women, Women's House highlights the artistic creations so these talented women gain visibility and opportunities to generate income, empowering them economically and preserving their cultural heritage.
- By providing **office space**, Women's House offers a suitable environment for administrative tasks and communication, enabling the women to engage in activities such as record-keeping, correspondence, and coordination, enhancing their organizational capabilities.
- Women's House promotes **skills and job opportunities** and serves as a platform for highlighting the women's talents, expertise, and entrepreneurial ventures, fostering economic empowerment and sustainable development within the community.

Women's House provides a **secure refuge** where the women can seek safety and support during challenging times, ensuring their well-being and resilience.



Warintza Mujer Brand Development

In March 2022, Solaris collaborated with the Provincial GAD Morona Santiago, under the guidance of Cristina Mora, Head of Marketing, to develop a brand and logo that aligns with principles of gender equality. This branding initiative aimed to promote the artisanal products crafted by the women of Warints. Through a series of meetings and workshops, valuable insights were shared on the significance and added value of creating a brand and website for these products. Cristina also discussed the local marketing resources and entrepreneurial opportunities available to the communities, which were generously provided by the local prefecture and included services such as advertising, participation in fairs, equipment access, and training sessions.

In addition to these workshops, the Communication Team offered training on various topics such as image and video posting, text narration, font selection, watermarking for image identification, and effective strategies for promoting crafts on Facebook. New contact channels were suggested to expand outreach. To showcase the women's artisanal work, a Facebook Fan page was established to bolster the image of Warintza Mujer, reaching out to potential customers and new markets interested in purchasing the artisanal products crafted by Shuar women. This platform serves a dual purpose, not only promoting these crafts but also preserving and sharing valuable content about Shuar traditions and customs, extending their reach beyond the local community to the entirety of Ecuador.

Solaris, in collaboration with Shuar women, further organized a fashion show to exhibit the artisanal products and highlight the talent and creativity of Shuar women in the Warints and Yawi communities. Initiatives like these are instrumental in empowering Shuar women and drawing attention to the cultural richness of the Amazon region and the nation as a whole.

Case Study: Knowledge Exchange in El Coca

Indigenous women in the Warints and Yawi communities of Morona-Santiago, Ecuador, face significant challenges in their learning journey due to personal experiences and the historical impact of colonization. These challenges encompass discrimination, limited rights, and reduced access to education and economic opportunities.

To address these challenges, Solaris organized a knowledge exchange event in El Coca, facilitating interactions between Warints and Yawi women and Shuar and Kichwa women from other regions. The aim was to share successful business and community models and empower one another through shared experiences.

- **Community enterprises:** Solaris promoted knowledge and experiences related to various community enterprises, including food, artisanal jewelry, tourism, and hospitality.
- **Shelter services:** The program explored the management of shelter services for Indigenous women facing violence, enhancing the community's capacity to protect and support them.
- **Violence intervention:** Solaris worked to enhance knowledge within the communities about intervening in cases of violence against women and establishing safe shelters for victims.

The knowledge exchange event in El Coca was a groundbreaking opportunity for many Warints and Yawi women, as societal power imbalances often require them to obtain permission from men to leave their communities unaccompanied. This limitation further restricts their opportunities for growth and new experiences.

The knowledge exchange and empowerment initiatives have yielded positive outcomes for Indigenous women in the Warints and Yawi communities. They have gained valuable insights into successful business and community models, enabling them to explore new economic opportunities. Additionally, the program has raised awareness and capacity to address violence against women within their communities.

Solaris acknowledges the historical reasons behind power imbalances within these communities and is committed to collaborating with the Warints and Yawi communities to empower Indigenous women, recognizing that fostering gender equity within the community is essential for advancing its exploration activities and promoting the development of its core business in the region. This case study underscores the significance of addressing historical injustices, promoting gender equity, and empowering Indigenous women to create a more inclusive and sustainable future for all parties involved.





Warintza Deporte (SPORTS)

Solaris recognizes the importance of sports as an important tool for empowering people and communities, generating inclusion, and promoting solidarity through team-building and collective responsibility. In accordance with the UN's 2030 Agenda for achieving its Sustainable Development Goals, we believe that the impact of sports on young people is especially significant because they link to health, well-being, education, and employability. At the societal level, we believe that sports can have profound economic and social impacts, contribute to infrastructure development and GDP, and connect communities and nations.⁹ Solaris aims to contribute to the overall well-being and advancement of the community by investing in the development of local athletes.

9. UN, 2017. <https://press.un.org/en/2017/dgsm1097.doc.htm>

Jempe Track and Field School

In 2022, Solaris proudly sponsored the Jempe Track and Field School, demonstrating our commitment to promoting sports and supporting the local community.¹⁰ We are proud to support the Jempe Track and Field School because we believe in the power of sports to promote personal growth, teamwork, and a healthy lifestyle. Sponsorship included various initiatives aimed at fostering the development of young athletes and providing them with opportunities to excel. We also provided technical support on training routines and current techniques in athletic sports methodology, developed a sports tracking system, and conducted physical tests for all young people.

Solaris ensured the salaried presence of a track and field teacher who could provide professional guidance, coaching, and mentorship to the students. This allowed them to receive proper training and guidance in their athletic pursuits.

We provided financial support to enable participants to engage in competitions and enhance their training experience. This support included purchasing necessary track and field equipment, uniforms, and other essentials required for their athletic activities.

Solaris also sponsored and organized several track and field competitions, creating platforms for participants to showcase their skills and compete at various levels. These events not only encouraged healthy competition but also provided opportunities for athletes to test their abilities and gain valuable experience. Notable competitions include races such as

the Las Cascadas–Gualaquiza 2022 trail (15 km), Natem Trail Running (7 km and 15 km), the Subtrópico Trail Echeandía 2022, the Skyrace Limón Indanza 2022, and the National Championship Mini Athletics Children's Festival.

The Jempe Track and Field School selected four children from the Shuar communities to train with the provincial Track and Field team of Morona Santiago. These children represented the province, along with the provincial team, in the National Track and Field Championship in Guayaquil in October. In November, these athletes also participated in the National Track and Field Championship in Milagros, Guayas.

Partnership with the Sports Federation of Morona Santiago

In May 2023, as part of the Warintza Deporte program, the Sports Federation of Morona Santiago (FDMS) and Solaris signed an agreement to formalize their cooperation to provide assistance, technical support, training, and monitoring to athletes from the Shuar Centers of Warints and Yawi.

In this partnership, FDMS assigned personnel to support Solaris programs, develop training initiatives, and promote Solaris's contributions to sports and the province of Morona Santiago. Solaris, in turn, provided logistical support, including transportation, accommodation, and meals for FDMS athletes and staff, and actively contributed to the development of sports activities in the Warints and Yawi Centers.

¹⁰ In Shuar, jempe means "hummingbird," referring to the speed of the athletes.

Warintza Emprende (ENTREPRENEURSHIP)

SDG 4

Solaris recognizes the transformative impact of entrepreneurship, which serves as a catalyst for positive outcomes. Beyond generating employment opportunities, entrepreneurship is instrumental in fueling economic growth, fostering innovation, and contributing to the improvement of social conditions. It plays a crucial role in addressing pressing social and environmental challenges.

In the specific context of the Warints and Yawi communities, Solaris acknowledges the vital role of entrepreneurship in supporting sustainable development. By integrating entrepreneurship initiatives with project development, our aim is to catalyze sustained growth at the community level. This comprehensive approach is designed to empower these communities, create economic opportunities, and contribute to the enhancement of their social and environmental well-being. This commitment aligns seamlessly with the overarching goals outlined in the United Nations' 2030 Agenda.¹¹

Bakery Assistant Training: Fundación Educativa Monseñor Cándido Rada

In 2022, Solaris responded to a request to implement a bakery entrepreneurship in the community of Warints. In April and May, we partnered with the educational foundation Fundación Educativa Monseñor Cándido Rada (FUNDER) to provide comprehensive training in bakery skills to women and men from the Warints community. Fifteen women and men successfully completed the bakery workshop, consisting of three developmental phases with a combined duration of 140 hours. Upon completion, participants were awarded a Bakery Technician certification, endorsed by the Universidad Politécnica de Quito.

Solaris also provided industrial baking materials and supplies (including industrial ovens) to the community of Warints in order for the women and men to implement their new skills as bakers. In 2022, the bakery provided catering for the arrival of visitors and for workshops conducted in Warints and Yawi.

¹¹ United Nations, 2020, Entrepreneurship for sustainable development, Report of the Secretary-General, https://unctad.org/system/files/official-document/a75d257_en.pdf

Morona-Santiago Equity, Training and Social Action Coordinating Body: Artisan Jewelry, Accessories, and Cuisine Workshops

Solaris seeks to promote entrepreneurial skills among the Shuar women of Warints and Yawi to promote sustainable income generation and revitalize ancestral cultural values by means of the Warintza Mujer brand. Through the implementation of Warintza Mujer, Solaris emphasizes the importance of continuous learning by providing dynamic training opportunities to support entrepreneurship and artisanal production. We believe that by helping women artisans to develop essential skills and abilities such as observation, creativity, imagination, oral expression, and innovation, we can support their empowerment in the community.

Solaris understands that training encompasses a range of characteristics, competencies, and values. Consequently, we believe that training not only provides knowledge of how to perform specific tasks or solve work-related problems but also nurtures positive attitudes towards work, including motivation, commitment, a sense of achievement, and team integration. Further, training also aims to revitalize ancestral values and knowledge of Shuar culture and enhance the competitiveness of community artisanal production in national and international markets.

Throughout 2022, Solaris conducted various comprehensive training workshops in collaboration with several stakeholders including the Morona Santiago Equity, Training and Social Action Coordinating Body (CEFAS), the Strategic Alliance Board, Community Chiefs, and the Shuar Women's House President. These workshops aimed to provide necessary skills and promote entrepreneurship within the Yawi and Warints communities. They included:

- **Guadua Artisan Workshop** (Yawi): Creation of artisan products using guadua, a locally sourced and culturally significant wood resource.
- **Ecuadorian Gastronomy Workshop** (Warints): Preparation of typical dishes and beverages from Ecuador's coastal, highland, and Amazonian cuisine.
- **Necklace and Bracelet Workshop** (Yawi and Warints): Creation of natural artisanal products from the Amazon.
- **Mullos y Semillas (Fibre and Seeds) Workshop** (Warints): Creation of seed jewelry facilitated by YUSA, a local small business showcasing Shuar jewelry made from natural seeds and fibres.

Workshops were attended by members of the Shuar communities as well as Solaris representatives. The direct beneficiaries of these workshops are the Shuar women of Warints and Yawi, while indirect beneficiaries include families and residents of the Shuar communities in the Limón Indanza canton. The artisanal products created by

community members were later showcased for sale at the Shuar Women's House and at the Agro-Biodiversity Artisanal and Gastronomy Fair (Bomboiza). Throughout 2022, Solaris also sponsored the participation of Shuar women in three local fairs and expositions: the Macaji Fair 2022 Riobamba, the IV Provincial Crafts Artisans and Entrepreneurs Expo/Fair Nunkui, and the Entrepreneurship Fair Limón Indanza. These fairs provided an important venue for Shuar women to sell their products, network with potential clients from different provinces, and share insights about the cultural significance of their work. During the fairs, the women promoted their diverse range of Warintza Mujer artisanal products and networked with local entrepreneurs and stakeholders to showcase and expand their brand identity.



Strengthening the Community through Financial and Nutritional Knowledge

Solaris seeks to empower youth with a sense of pride in their cultural heritage, equipping them with valuable financial and nutritional knowledge. We believe that empowering youth with financial and nutritional skills and knowledge contributes to personal growth and strengthens the community as a whole. To this end, we supported two initiatives intended for high school students:

- In 2022, Solaris held a **financial education workshop** for first-, second-, and third-year high school students from the Warints and Yawi communities in partnership with Cooperativa de Ahorro y Crédito ERCO Ltda. (COOPERCO). A total of 35 students participated in the workshop along with two teachers from the Warints and Yawi communities who wished to gain knowledge to better guide their students. Important financial concepts were covered, including the use of bank accounts, the significance and future utility of savings, and the importance of investment and reinvestment.
- Solaris established a **Shuar Gastronomy and Nutrition Club** in collaboration with the Cordillera del Cóndor Educational Unit for high school students from the Warints and Yawi communities. A professional chef delivered an extensive 120-hour practical training program to 30 students to foster culinary skills and promote the rich culinary heritage of the Amazonia region. This initiative aimed to familiarize students with Shuar gastronomy, which is deeply rooted in ancestral culture, as well as the significance of locally sourced ingredients.



Warintza Educa (EDUCATION)

SDG 4

Solaris believes that education is key to Sustainable Development Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. We firmly believe that education is the foundation for achieving all the other SDGs, as it equips individuals and communities with the awareness, knowledge, skills, and values necessary to effectively address sustainability challenges. Warintza Educa demonstrates Solaris's commitment to fostering empowerment, interdisciplinary collaboration, and long-term thinking. By providing access to quality education, we aim to play a critical role in shaping a more sustainable and inclusive future for all.

Solaris is dedicated to establishing strong partnerships with local communities, educational institutions, and relevant stakeholders to ensure the effectiveness and relevance of our educational initiatives. Through collaborative efforts, we can create a supportive ecosystem that nurtures the growth and development of learners from the Amazon region, equipping them with the tools necessary to drive sustainable progress.

Solaris is resolute in its commitment to advancing education as a crucial pillar of sustainable development. We believe that by empowering individuals and fostering a culture of lifelong learning, we can make substantial strides towards a more sustainable, equitable, and prosperous future for all. To enact this, we have supported numerous educational endeavours.

Community Scholarship Program

In 2022, we continued our community scholarship program, founded in 2019, with recipients from the communities of Warints, Yawi, Nueva Principal, Valle de Chimandaz, and San Miguel de Conchay. Through this program, Solaris sponsors the cost of tuition for 30 scholarship recipients at the institution of the student's choice, as well as food and lodging:

Yawi: Three students in law, nursing, and administration

Warints: 12 students in engineering, accounting, administration, nursing, and information technology

San Miguel de Conchay: Five students in nursing, automotive, economics, medicine, civil engineering, and paramedics

Valle de Chimandaza: Five students in paramedics, environmental engineering, tourism, and biochemistry

Nueva Principal: Five students in administration, electrical engineering, environmental engineering, and medicine

First scholarship recipients encounter: A New Leader Is Born

Solaris is committed to nurturing leadership and empowering youth to become agents of change. We strive to foster a generation of resilient, empathetic, and visionary leaders who will shape a sustainable future for themselves and their communities.

In October 2022, we conducted a series of transformative workshops, called A New Leader Is Born, for scholarship recipients in the Warintza Project's area of influence. These workshops were led by respected professionals Roberto Minda and Jessie Jimenez, who have extensive expertise in diverse fields, including team management, international relations, personal development, and physical, mental, and spiritual health.

Roberto Minda, drawing from his academic background in international relations, political science, and anthropology, brought a unique perspective to the workshops. His Afro-Ecuadorian and Shuar heritage enriched discussions with cultural insights and a deep understanding of community dynamics. Jessie Jimenez, a Certified Life Coach with a specialization in personal development, contributed her valuable training and expertise to the sessions.



The primary objective of these workshops was to empower and train young leaders, fostering a profound transformation in their mindset and spirit. The focus was on developing leadership qualities and nurturing values and principles such as justice, respect, and love. Through an immersive and interactive learning experience, participants were equipped with the knowledge and skills necessary to become effective leaders capable of making a positive and lasting impact in their communities and beyond.

Each training session spanned eight hours and facilitated a comprehensive growth process, encompassing personal development, leadership skills enhancement, and the cultivation of a strong sense of social responsibility. Participants were encouraged to embrace their unique strengths and talents and gain an understanding of the challenges and opportunities within their communities.

Woman Miner Scholarship Program



In 2022, Solaris, in partnership with Women in Mining Ecuador and Torata Mining Resources, sponsored the second edition of the Woman Miner Scholarship program. This program, initiated by Solaris in 2021, aims to promote the participation of women in the mining industry in Ecuador. The inclusion of a new sponsor, Torata Mining Resources, reflects the growing interest and commitment from Ecuadorian mining companies to support gender equity within the industry.

The Woman Miner Scholarship program provides tuition support for undergraduate engineering studies or degree programs for eight women students who demonstrate academic excellence, leadership skills, and a commitment to the responsible advancement of the mining sector. By supporting these students, the program contributes to the professionalization and economic empowerment of women in the mining industry.

The mining industry in Ecuador is seen as a vital source of national development, and the Woman Miner Scholarship program plays a crucial role in promoting gender equity by providing women with critical employment opportunities in a competitive professional labour market. The selection process involves representatives from various private and public entities, including the Ministry of Energy and Mines of Ecuador, the Citizens' Participation Corporation, the Ecuadorian Mining Engineers' Association (AIME), the Ecuadorian Chamber of Mining, Solaris, Torata Mining, and Women in Mining Ecuador (WIM).

The eight scholarship recipients in 2022 were Ana Lucía Cruz, Nadia Calderón, Heidy Liliana Cervantes, Andrea Salgado, Evelyn Rodríguez, Karen Rivas, Yelena Moscoso, and Anai Jaya Maza. These students come from the provinces of Napo, Pichincha, El Oro, and Zamora Chinchipe, and are studying at Central University, IKIAM National Polytechnic School, and Technical University of Machala. The recipients are pursuing studies in fields such as mining engineering, geology, environmental engineering, geosciences, chemical engineering, social work, and communications.

"The Woman Miner scholarship reflects the effort, dedication, and perseverance that enabled me to be selected for this scholarship. As a woman, I feel valued. These types of initiatives increase female participation by offering equal conditions, promoting a change in organizations and a culture of greater gender equity, which in turn increases business competitiveness by leveraging our capabilities, adding value, and improving results."

— Ana Cruz, Woman Miner Scholarship recipient and mining engineering student at the Central University of Ecuador

"Last year, Solaris launched the Woman Miner scholarship program together with Women in Mining Ecuador and, this year, we reiterate our commitment to promoting the participation of women in the mining sector through corporate policies and continued initiatives like this program, which contribute to reducing the gender gap in the industry."

— Federico Velásquez, Solaris's President, Latin America





Amazon Mining Woman Scholarship Program

Solaris recognizes the need to address the educational gap between women in the Amazon region and those in the rest of the country. Based on their experience with the Woman Miner Scholarship Program, discussed in the previous section, and discussions with partner organization Women in Mining Ecuador, Solaris decided to facilitate educational opportunities specifically for women born in the Ecuadorian Amazon. In line with our 2022 Sustainable Warintza strategy, we launched the Amazon Mining Woman Scholarship Program in 2022 to promote gender equality, inclusion, and diversity specifically in the Amazon region. The program aligns with the 2030 United Nations Agenda Goals and aims to advance sustainable and effective development.

Through the program, Solaris aims to foster the professional participation of women from the Ecuadorian Amazon region in mining careers. By doing so, the program contributes to sustainable development and advances gender equality and diversity within the mining industry. By investing in the education and professional development of women in the Amazon region, Solaris strives to build a more sustainable and equitable future, where the voices and contributions of Amazonian women are valued and integrated into the mining industry.

The Amazon Mining Woman Scholarship Program benefits women born in the Ecuadorian Amazon region who are pursuing mining-related careers in technical, environmental, and social fields. The program offers 12 undergraduate tuition scholarships for mining-related programs in these fields. Its primary objectives are to encourage the interest of Amazonian women in mining, promote their professional participation in mining careers, and inspire best practices within the industry with a gender-based perspective.

Scholarships were awarded in three categories:

- I am an Amazonian Mining Woman who takes care of and protects the territory
- I am an Amazonian Mining Woman who participates in the technical development of the mining industry
- I am an Amazonian Mining Woman who promotes community participation and social licensing

Twelve outstanding scholarship recipients were selected from the provinces of Morona-Santiago, Pastaza, and Napo. These recipients were Solania Unupi Zabala, Estefany Kinito Sando, Kerly Jaramillo Rivadeneira, Kimberly Matute Vera, Melva Taish Yampik, Claudia Wisum Yankuam, Jeslyn Reinoso López, Alexandra Lituma Pérez, Dayana Grefa Andy, Erika Rojas Estrada, Saida Huatatoca Mamallacta, and María Fernanda Puetate Preciado. The scholarships were awarded based on exceptional academic achievements, in line with

the program's core principles of diversity and inclusion, transparency, equal opportunities, and gender equity.

"I feel grateful to the Company for its role in helping Amazonian women acquire the skills needed to succeed in the mining industry. This contribution will serve to enrich our knowledge and get us more involved in the mining industry that generates resources for the development of our communities, region, and country."

— *Melva Ruth Taish Yampik, Amazon Mining Woman Scholarship recipient*

Partnership with IKIAM

Solaris believes that mining can play a significant role in advancing the United Nations SDGs. By collaborating with quality education programs and facilitating young people's access to professional development, mining can contribute to the eradication of social inequalities from a bottom-up approach. With this in mind, in 2022, Solaris signed a Framework Agreement for Interinstitutional Cooperation with the IKIAM Amazon Regional University. The purpose of this agreement was to establish academic, cultural, and scientific collaborations with the goal of contributing to the development of responsible mining and Participatory Mining practices.

Through this partnership, Solaris aims to strengthen its alliances with academic institutions and provide access to education for students in the area influenced by the Warintza Project. The collaboration will involve joint research and innovation projects, training programs for women, communities, and companies and exchange of information on topics of mutual interest. It will also include integration of information technologies and communication in teaching programs, teacher training, technology transfer, and pre-professional internships.

"One of the great challenges of the mining industry is education and knowledge transfer. Higher education institutions and companies like Solaris face the important challenge of generating alliances that drive goals that are key to developing a sustainable and productive mining industry. The alliance with IKIAM is the result of a corporate vision focused on contributing to higher education in the Amazon region where our Warintza Project is located."

— *Federico Velásquez, Solaris's President, Latin America*

"It is very important that this agreement allows geosciences students to get involved with sustainable mining projects through the exchange of experiences, knowledge and professional practice."

— *Isabel Cristina Garcia, an IKIAM student currently studying geosciences, recipient of the Amazon Woman Miner Scholarship*



Warintza Verde (ENVIRONMENTAL STEWARDSHIP)

UNGC 7,8,9

In accordance with the UN's 2030 Agenda for achieving Sustainable Development Goals, Solaris understands that transforming our relationship with nature is crucial for a sustainable future. We firmly believe this involves transforming patterns of consumption and production to effectively address the interconnected challenges of climate change, biodiversity loss, and pollution.¹² Solaris aims to safeguard the livelihoods of both present and future generations, while striving to mitigate the triple planetary crises we face. To this end, we have undertaken a range of environmental stewardship initiatives under the rubric of Warintza Verde, meaning "green Warintza."

¹² United Nations, 2022, The Sustainable Development Goals Report 2022, <https://unstats.un.org/sdgs/report/2022/Goal-12/>



Community Environmental Committee

Solaris prioritizes a proactive approach to engaging with local communities and involving them in environmental decision-making processes. We seek to foster responsible environmental practices by means of positive relationships with our community partners. In 2022, Solaris established the Community Environmental Committee, an initiative that demonstrates our commitment to engaging with local communities and ensuring transparency in environmental matters. The committee, comprising a coordinator and three members from each community (Warints and Yawi, selected by the respective Chiefs), serves as a participatory instrument for the prevention and control of impacts related to Solaris's activities.

The committee's main objectives reflect its role in supporting environmental monitoring efforts and facilitating communication between Solaris and the community. By accompanying and observing the monitoring of biotic components, water, air, and soil, the committee helps ensure that environmental impacts are properly assessed and addressed. This involvement in monitoring activities allows community members to actively participate in the protection of their environment.

Further, the committee serves as a channel of communication, providing a means for the exchange of environment-related information between Solaris and the community. This transparency fosters trust and ensures that community members are well-informed about our activities and their potential environmental implications.

In addition to its monitoring and communication functions, the committee has a strong focus on environmental education and the promotion of good environmental practices within the communities of Warints and Yawi. Through roundtables, workshops, and outreach initiatives, the committee aims to enhance the technical knowledge of community members and raise awareness about the importance of sustainable practices. This emphasis on education and knowledge-sharing empowers community members to become active participants in environmental stewardship.

Cooperation Agreement with the Ministry of Agriculture and Cattle



Solaris is dedicated to fostering collaboration with governmental institutions such as the Ministry of Agriculture and Cattle to drive meaningful local initiatives that benefit both the community and the environment.

In 2022, Solaris signed a significant cooperation agreement with the Ministry of Agriculture and Cattle, focusing on initiatives to support local agriculture and enhance the well-being of the community. There are two key aspects of this agreement:

- In collaboration with the Cordillera del Cóndor Educational Unit, Solaris developed a **local fertilizer project** aimed at improving soil quality for agriculture and production in the communities of Warints and Yawí. This project seeks to restore and enhance the fertility of community soils, enabling farmers to cultivate crops more effectively and sustainably. By providing support and resources for soil recovery, Solaris is committed to fostering agricultural development and contributing to the economic well-being of the community.
- As part of Solaris's supplier development program, a **comprehensive diagnostic and intervention plan** was implemented to ensure the well-being and proper **care of mules and horses** hired for transporting Project materials. This initiative involves assessing animal health, developing a best practices manual to be implemented with local suppliers, and implementing an intervention plan. The intervention plan covers various aspects, such as providing essential vitamins, ensuring proper hydration and nutrition, using appropriate horseshoes, and implementing measures for parasite prevention. By prioritizing the welfare of the animals involved in transportation, Solaris aims to promote responsible and sustainable practices within the local supply chain.

Quarterly Environmental Information Sessions

Quarterly environmental information sessions are an important initiative carried out by Solaris in compliance with legal requirements set by the regulatory entity, the Ministry of the Environment, Water and Ecological Transition (MAATE). These sessions aim to fulfill the obligations outlined in the Environmental Management Plan and ensure transparency in environmental processes. They also serve as a platform for Solaris to engage with the communities and demonstrate its commitment to environmental responsibility. By sharing information about the various plans and activities, we aim to foster transparency, build trust, and actively involve the communities in environmental management processes.

During each information session, Solaris presents an overview of activities carried out in relation to various plans:

- The **Environmental Impact Prevention and Mitigation Plan** outlines the measures we take to prevent and mitigate any adverse environmental impacts caused by the Company's activities. The session covers strategies implemented, such as habitat restoration, pollution control, and biodiversity conservation.
- The **Waste Management Strategies Plan** includes waste reduction, recycling, and safe disposal practices. This plan emphasizes our commitment to minimizing the generation of waste and promoting sustainable waste management practices.
- The **Rehabilitation of Platforms and Intervened Areas Plan** focuses on the restoration and rehabilitation of areas impacted by the Project. This plan provides efforts to restore ecosystems, re-establish vegetation, and promote the recovery of affected areas.
- The **Contingency Plan** outlines procedures and protocols to be followed in the event of an environmental emergency or unexpected incident. This plan highlights our preparedness to respond effectively to any environmental incident and protect the communities and ecosystems.
- The **Communication and Training Plan** emphasizes the importance of effective communication and training to raise awareness and promote environmental stewardship. The plan guides our efforts to engage and educate the communities about environmental issues and involve them in environmental management practices.
- The **Monitoring and Follow-up Plan** involves regular assessment and evaluation of the Project's environmental performance. This plan includes monitoring activities conducted by Solaris to ensure compliance with environmental standards and regulations and to provide updates on our findings.

Environmental Management Training

Each area of Solaris generates an annual training plan to build knowledge on issues of importance for the development of Company activities for staff and contractors in the communities. All training topics are classified into the following groups based on Project activity needs:

- **Return-to-work training:** Reinduction process for both staff and contractors regarding compliance with the Environmental Management Plan.
- **Biotic issues training:** Carried out regarding existing species in the Project's areas of influence and their related care.
- **Drills:** Carried out on all work fronts regarding possible incidents or risky activities, to ensure staff awareness and actions to take regarding fuel spills and transfers, liquid hazardous waste spills, oil change spills, and so on.
- **Environmental training:** Carried out for all activities under environmental management relating to Project activities and their relationship with the environment, including waste management, environmental regulations, climate change, environmental monitoring, contingencies, regulations, and so on.
- **Archaeological training:** As required by Ecuadorian regulations, training is held on prospecting, rescue, and monitoring in all areas where Solaris carries out drilling activities, with an emphasis on preservation of artefacts as found.
- **Quarterly information sessions:** Held in compliance with national regulations and in line with our responsibility toward the communities.

Composting Program

In 2022, Solaris implemented a composting program with the members of the Shuar communities of Warints and Yawi. This program seeks to minimize and mitigate the environmental impact generated by exploration activities. It also aims to generate a circular dynamic that benefits both community partners and the Company.

As shown in Figure 9, the compost that is created through this composting process is delivered to community members for use on crops or at home, or to rehabilitate platforms and other areas of intervention.



Figure 9.
General composting process flowchart

Communications

Solaris is dedicated to maintaining effective communication across three distinct domains. These encompass community communication, corporate communication, and internal communication. In the realm of community communication, Solaris ensures that crucial information reaches the community members affected by the Warintza Project, fostering a sense of involvement and shared responsibility. Moreover, the Company's corporate communication efforts play a pivotal role in elevating the Warintza Project's profile, both within the Ecuadorian government and among the public. To achieve these objectives, Solaris has implemented several ongoing communication programs tailored to engage diverse audiences within the Project's area of influence. Additionally, internal communication holds a central position in Solaris's approach, aimed at harmonizing corporate objectives, nurturing commitment, and empowerment, and cultivating a cohesive and motivated workforce.

Community Communication

Solaris continuously seeks to conduct effective community communication. By ensuring that important information reaches the community members affected by the Warintza Project and fostering a sense of involvement and shared responsibility, we strengthen our relationship with the communities to promote a collaborative and mutually beneficial approach to the Project.

In 2022, Solaris continued to demonstrate its strong commitment to community communication through the following efforts:

- Solaris has developed an educational communication program specifically tailored to the unique needs of the Warints and Yawi communities. Individual plans ensure that communication tools effectively address the specific requirements of each community. By strengthening and improving these processes, Solaris has fostered a stronger social license for the Warintza Project.
- Solaris has established various media sources to provide detailed reporting on issues of interest to members of the Shuar Centers. Platforms such as Warints Noticias, Yawi Avanza, Directory News, and the Cordillera del Cóndor Newspaper have become essential in keeping the communities informed and engaged. These sources promote open and transparent communication between Solaris and community members.
- Solaris has achieved the consolidation of the Charip Communication venture, owned by Lizardo Samiqui, a resident of the Warints community. Mr. Samiqui, who has been a member of the communication team for over a year, now serves as a supplier for the Warintza Project. He manages the production of audiovisual materials and provides communication coverage for Project-related activities and community events. This collaboration extends not only to Solaris but also to the members of the Warints and Yawi communities, as well as other neighbouring communities. This partnership strengthens ties between Solaris and the local communities, promoting mutual support and engagement.

Corporate Communication

Corporate communication efforts undertaken by Solaris have played a crucial role in elevating the profile of the Warintza Project, both within the Ecuadorian government and among the public. By effectively communicating our progress, achievements, and commitment to responsible practices, we have gained support from stakeholders and created a positive perception of the Project, contributing to its success and sustainability.

In 2022, the Project's designation as a Strategic Priority Project by the government further reinforced its importance and potential impact, solidifying its position within the business sphere.

Notably, the perception of the Warintza Project among the public has experienced a positive evolution. Initially known for its successful community relations model, the Project has now garnered recognition for its exploration achievements and commitment to good ESG practices. This shift in public opinion is a result of the Project's ability to demonstrate tangible progress and its adherence to responsible operational standards.

To facilitate effective communication and garner support from stakeholders, Solaris has implemented several ongoing communication programs in the Project's area of influence. These programs are tailored to engage diverse audiences and serve various purposes. Notable initiatives include:

- **Knowing Warintza:** This program targets diverse audiences in the Limón Indanza canton and aims to inform and educate local communities about the Project, its objectives, and the potential benefits it can bring. By providing transparent information and engaging with the community, Solaris builds trust and establishes a positive relationship with the local population.

- **Let's Talk About Warintza:** This initiative focuses on engaging with local and provincial media outlets. By actively communicating with the media, Solaris ensures that accurate and up-to-date information about the Project reaches a broader audience. This helps in shaping public perception and generating a positive narrative around the Warintza Project.

- **Growing with Warintza:** This program aims to establish strong relationships with local suppliers. By actively engaging with local businesses and fostering partnerships, Solaris contributes to the economic development of the region and enhances its reputation as a responsible corporate citizen.

These communication programs collectively contribute to the development of an interactive ecosystem by which stakeholders can stay informed, provide input, and actively support the activities carried out by Solaris. By fostering dialogue, transparency, and collaboration, Solaris builds strong relationships with stakeholders to foster ongoing engagement and support for the Warintza Project.

Internal Communication

Internal communication is key to Solaris's approach in keeping with its Lowell 3.0 strategy in order to align corporate objectives and goals, foster commitment and empowerment, and create a cohesive and motivated workforce. Developed on-site at our Warintza Project in Ecuador, this goal-oriented corporate strategy aims to position Solaris in Ecuador as a leading company in mineral exploration and discoveries. Further, it also aims to enhance our corporate and administrative performance through an innovative structure, safeguard and reinforce our corporate reputation, and showcase the world-class potential of mineral deposits at the Warintza Project on both national and international scales. Effective internal communication management helps to consolidate this strategy and align corporate objectives throughout Solaris. By keeping employees well-informed about the Company's strategic direction, progress, and achievements, internal communication fosters commitment and empowerment among the workforce involved in the Warintza Project. Our approach is based on the following principles:

- Internal communication ensures **transparency** by sharing information about Solaris's strategic direction and goals. This transparency helps employees understand the purpose behind their work and how it contributes to the broader objectives of the organization.

- Regular updates and communication regarding Solaris's progress and achievements create a sense of **engagement and motivation** among employees. When employees are aware of the impact of their work and the progress being made, they feel more connected to our vision and goals.

- Effective internal communication **aligns the efforts** of employees towards the shared goals of the organization. When employees understand our strategic direction and objectives, they can align their work, accordingly, ensuring that all efforts are moving in the same direction.

- Internal communication facilitates **collaboration and cohesion** within the organization. By sharing information and engaging in dialogue, employees can collaborate more effectively, share best practices, and leverage each other's expertise, leading to better outcomes for the Warintza Project and other initiatives.

- Internal communication channels also provide a platform for employees to provide **feedback**, share ideas, and contribute to the continuous **improvement** of processes and strategies. This open feedback loop helps the organization adapt and refine its approach, ensuring that the Lowell 3.0 strategy stays on track and evolves with changing circumstances.





Artisanal Mining

Solaris actively supports the formalization of artisanal mining activities. By addressing technical, social, and environmental aspects and promoting capacity-building, we aim to foster a sustainable and inclusive artisanal mining sector that benefits local communities and the broader mining industry. In 2022, Solaris made significant strides in formalizing and supporting responsible artisanal mining operations, achieving several important milestones. Here are the notable accomplishments and activities we undertook:

- Solaris successfully formalized the **Arcoiris Association** with the Superintendency of Popular and Solidarity Economy. This achievement ensures the legal recognition and legitimacy of the association's artisanal mining activities, providing a foundation for operations.
- Solaris collaborated with the Shuar Warints Center, the Ministry of Energy and Non-Renewable Natural Resources (MERNNR), the Ministry of Agriculture, Livestock, Aquaculture, and Fisheries (MAE), and the Regional Council of the Nationalities and Peoples of the Ecuadorian Amazon (ARCERNNR) to establish the **Artisanal Mining Board**. This collaborative effort aims to enhance coordination and cooperation among stakeholders involved in the artisanal mining sector.
- Solaris provided **capacity-building and training** programs for artisanal miners in Warints under the Arcoiris Association and in Yawi under the Las Minas Association. These programs aimed to enhance their technical skills, promote best practices, and ensure safe and sustainable mining operations. Capacity-building initiatives help improve the overall efficiency and safety of artisanal mining activities.
- Solaris initiated the development and promotion of a **management model** specifically designed for alluvial artisanal mining in Warints. This model serves as a framework to guide and support artisanal miners in their operations, promoting responsible practices and environmental stewardship.



By the end of December 2022, the Arcoiris Association had accomplished these additional milestones:

- **Legalization process:** The association focused on complying with the required meetings and assemblies as mandated by current regulations, ensuring progress in the legalization process.

- **Social management:** Outreach efforts were undertaken to raise awareness about mining activities and the negative impacts of illegal mining. The Operating Agreement between Solaris and Arcoiris was reviewed and approved, enabling a collaborative approach to the extraction process. Emphasis was placed on each owner's economic responsibility for site restoration. Access to land was secured for surveys related to environmental impacts, topographic assessments, and obtaining social permits necessary for geological exploration work.

- **Environmental management:** A comprehensive survey was conducted to assess the environmental impacts of informal mining activities in the intervened sites. Reports were prepared to ensure compliance with environmental regulations in the operational contract area between Solaris and Arcoiris.

- **Socio-political management:** Collaborative efforts were made with national authorities from MERNNR and ARCERNNR to establish strong relationships and open communication channels. This facilitated the entry of enablers for the Operation and Registration Contract of the Arcoiris Association. Socio-political management also included advocating for reforms in Ministerial Agreements concerning the qualification of artisanal miners at local, regional, and national levels.

- **Progress reporting and future plans:** Monthly progress reports were submitted to Solaris, the Board of Warints, members of the Strategic Alliance, and the Arcoiris Association. Pending tasks include obtaining legal permits, conducting meetings with potential investors, and continuing with artisanal exploration activities. These efforts demonstrate the association's ongoing commitment to further advancing their objectives and establishing fruitful partnerships.



Procurement and Supply Chain

GRI 2-6
LPRM 201
LPRM 202
LPRM 203
LPRM 204 A-D
LPRM 301
LPRM 403
LPRM 502
LPRM 503
LPRM 504
LPRM 505
LPRM 506
LPRM 601
UNGC 3, 4, 5, 6
GRI 204

Our commitment to responsible procurement translates into economic benefits for both the local communities surrounding the Warintza Project and the broader Ecuadorian economy. Solaris actively engages national and local companies in our supply chain, creating business opportunities and contributing to economic growth in the region. This approach not only supports local businesses but also generates employment and spending, particularly in the province of Morona-Santiago where the Warintza Project is located.

Ethical and Local Business

Solaris recognizes the importance of responsible procurement and the positive impact it can have on our operations, the Ecuadorian economy, and the communities in our areas of influence. By maintaining contracts with international goods and services companies, as well as national and regional subsidiaries, we ensure the smooth functioning of our entire value chain.

Solaris has adapted our procurement practices and policies to meet the requirements of our business and the expectations of internal and external stakeholders, including communities, employees, contractors, and suppliers. We prioritize local procurement for our products and services, including raw materials, equipment, and various other vendors in Ecuador and globally. By analyzing the needs, expectations, and concerns of impacted communities, Solaris ensures a better understanding of their realities, and we can focus our efforts on maximizing community benefits.

In alignment with our corporate responsibility principles and the Ten Principles of the UN Global Compact, Solaris has implemented a Supply Chain Policy. This policy sets out requirements for suppliers to conduct their business according to codes of conduct, ethics, safety principles, Indigenous rights, human rights, and labour and environmental standards. By implementing internal controls and external audits, we verify compliance with national and international laws and norms, ensuring that our supply chain operates with integrity and responsibility.

To further enhance transparency and information exchange, Solaris is in the process of developing an online platform that will provide access to contract and bidding information. This platform will contribute to a more open and collaborative procurement process.



Locations

Our core shack is in Quito, Pichincha. It is used for the mining core shack logging process and serves as a storage space for samples extracted from mining concessions.

Our Central Office is in Quito, Pichincha, where strategic and planning activities for mining exploration are carried out.

Our Regional Office is in Morona, Morona-Santiago, and serves as a coordination centre for operational activities related to mining exploration. This office is responsible for implementing the strategic activities planned by the Solaris Central Office.

Our Second Regional Office and Mining Exploration Camps are in Limón Indanza, Morona-Santiago, where strategically planned mining exploration activities are coordinated and implemented.

Local Procurement Reporting Mechanism: The Ring System

Solaris recognizes the significance of effective and sustainable procurement practices in the mining industry, particularly during the exploration phase. This phase presents a valuable opportunity to promote local businesses and generate a multiplier effect that contributes to local development.

In 2021, Solaris achieved a significant milestone by becoming the first mining exploration company worldwide to adopt the Local Procurement Reporting Mechanism (LPRM) in compliance with Disclosure 301. This pioneering initiative demonstrates our commitment to transparency and responsible practices in the mining sector.

To comprehensively evaluate and quantify our contributions to local employment and procurement, Solaris has implemented a structured ring system centred around the Warintza Project area. These concentric rings represent our precise definition of "local" regions, as illustrated in Figure 10. The formulation of these rings is the outcome of our extensive community engagement process, meticulously harmonized with the administrative framework of Ecuador. This strategic approach enables us to precisely outline and assess the geographical extent and impact of our local engagement endeavours, reinforcing our dedication to fostering positive relationships and sustainable development within the communities in which we operate.

Solaris has leveraged the LPRM as a valuable tool to track and assess its progress in ensuring genuine local procurement. By engaging in dialogue with the communities in our area of influence, we have established mutually agreed-upon definitions and guidelines. This collaborative approach ensures that local stakeholders have a voice in the procurement process, promoting transparency and inclusivity.

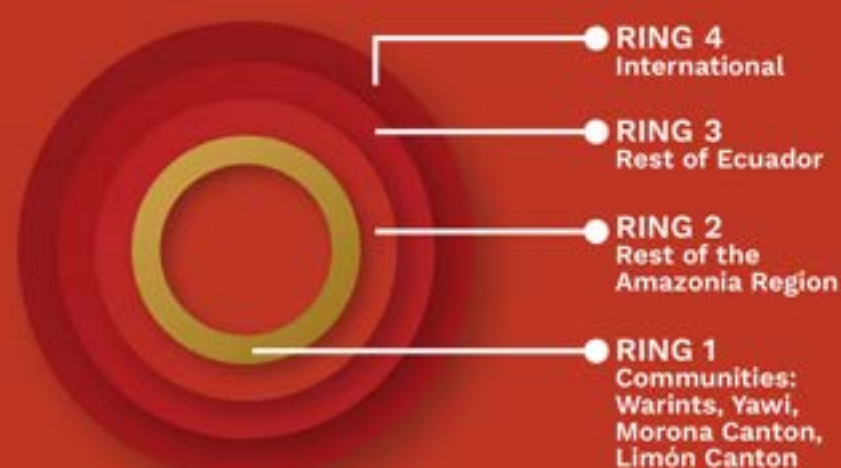


Figure 10.
The Warintza
Project's local
ring system

For mining to be truly sustainable, we firmly believe that the resources and wealth associated with potential mining projects must be shared. Solaris is committed to leading the way in the mining industry by adopting the Warintza Model, a Participatory Mining Model grounded in dialogue, participation, and consent (see the Participatory Mining section for more information). This model ensures that local communities are actively involved in decision-making processes, empowering them to have a say in how mining activities unfold.

Solaris understands that responsible mining goes beyond extraction. It entails fostering relationships with local communities, promoting economic development, and creating shared value. By prioritizing local procurement, we aim to build sustainable and mutually beneficial partnerships that contribute to the long-term well-being of both the mining industry and the communities we operate in.

Through our innovative approach and dedication to the principles of the LPRM, Solaris seeks to pave the way forward in responsible mining. By promoting genuine local procurement and embracing the Warintza Model, we aim to set a high industry standard and foster sustainable mining practices that benefit all stakeholders involved.

Supplier Development

Solaris recognizes the importance of supplier development in promoting local economic growth and sustainable procurement practices. As part of this commitment, we have implemented strategies to prioritize significant local contributors in our procurement processes. Solaris gives preference to local suppliers by factoring their contributions into the scoring of bids, providing them with enhanced opportunities to participate in the supply chain and contribute to the regional economy.

We ensure that our tender process is transparent and fair, offering equal opportunities for suppliers to compete and demonstrate their capabilities. Solaris follows rigorous evaluation criteria to select the most suitable suppliers that align with our needs and objectives.

In addition to scoring methods, Solaris also employs non-scoring methods to assess and select suppliers. These methods consider factors such as the supplier's track record, technical expertise, and alignment with our sustainability objectives. By considering a comprehensive range of criteria beyond numerical scoring, we ensure that suppliers are evaluated holistically and their overall suitability for partnership is considered.

By incorporating both scoring and non-scoring methods in our supplier selection process, Solaris aims to create a fair and inclusive environment for suppliers. This approach enables us to identify suppliers who not only meet the necessary requirements but also demonstrate a commitment to sustainability and align with our values and objectives.

Solaris also recognizes the importance of supporting local suppliers and has established special payment procedures tailored to their needs. These procedures ensure prompt and fair payment terms, facilitating financial stability and growth.

External Commitments

Solaris understands the importance of external commitments and compliance with regulations related to local procurement. We are dedicated to adhering to these regulations and sourcing from specific types of local suppliers as required by local laws and regulations. By doing so, we ensure that we support the local economy and promote local business growth.

Solaris also recognizes the significance of maintaining a transparent and constructive relationship with the host country's government. To achieve this, we incorporate specific contract provisions that align with the government's regulations and requirements. These provisions are designed to foster mutually beneficial partnerships and promote responsible mining practices.

By emphasizing supplier development and engaging in transparent and accountable procurement practices, Solaris actively contributes to the economic development of local communities. We recognize that responsible and sustainable sourcing goes beyond compliance with regulations and involves building long-term relationships, fostering local economic growth, and creating shared value.

Sourcing Process

Solaris adheres to a comprehensive sourcing strategy that encompasses purchasing, contracting, warehousing, transportation, and analysis. We uphold high standards of quality, efficiency, and traceability throughout our operations.

In Solaris's comprehensive sourcing process, the journey of goods and materials traverses a conceptual bridge from inbound logistics, involving warehousing and transportation for drilling necessities, to outbound logistics, particularly post-field exploration. This strategic flow encompasses the sourcing, procurement, and analysis of mineral resources, reflecting Solaris's commitment to ethical practices, transparency, and effective resource management.

The initial stages of the sourcing process focus on identifying needs and initiating procurement through a meticulous review by the dedicated team.¹³ After approvals and adherence to the LPRM framework, the purchasing and contracting activities kick in, emphasizing supplier selection based on social parameters and ethical standards. Transparent documentation and expense reporting through the ring system ensure accountability and cost control.

In the broader sourcing context, Solaris places significant importance on warehousing and inbound transportation. This involves efficiently managing logistics for personnel, machinery, and materials essential for drilling activities. The emphasis here is on ensuring the seamless movement of resources to support ongoing operations, setting the stage for the subsequent exploration processes.

Field exploration, a critical component of Solaris's sourcing, involves activities such as extracting and analyzing rock samples. These samples serve as valuable data points for geological insights and resource evaluation. However, the journey doesn't end in the field. Outbound logistics management comes next, focusing on the transfer of drilling cores from the field to Solaris's warehouses in Quito. This phase underscores the importance of proper handling and transportation to preserve the integrity of the cores for subsequent analysis and processing.

13. Our procurement team can be reached by email as follows: Roque Morán, Procurement Manager, at roque.moran@lowellmineral.com; Mario Farez, Logistics, Macas, at mario.farez@lowellmineral.com; Daniel Peralta, Operations Manager, at danielperalta@lowellmineral.com.

The mineral sample analysis phase marks the transition from inbound to outbound processes, involving production and transformation for geological analysis. Solaris's experts employ various techniques to derive insights, contributing to the understanding of mineral resources. Throughout these interconnected processes, warehousing capabilities play a pivotal role, ensuring the proper storage and custody of rock samples. Solaris's warehousing practices preserve and organize these samples, which serve as essential evidence of the exploration and analysis results.

This holistic approach underscores Solaris's commitment to a seamless and ethical sourcing process, where the flow of goods and information is carefully orchestrated from inbound logistics through exploration to outbound logistics, showcasing a well-integrated and responsible resource management strategy.

Figure 11 illustrates the Warintza Project's sourcing process concerning exploration activities and its integral connection to our supply chain. This visual representation provides an overview of the key components and stages within our operational framework.



Figure 11.
The Warintza Project's sourcing process

Classification of Goods and Services

An effective classification framework allows Solaris to effectively monitor, manage, and report on the various products, goods, and services involved in our mining exploration operations, ensuring transparency, accountability, and efficient procurement processes.

Goods

- **Exploration equipment** is tools and equipment directly used in mining exploration activities, such as drilling rigs, geological instruments, sampling tools, and so on.
- **Support equipment** is used to support the exploration process, including vehicles, generators, and communication devices.
- **Consumables** are various materials and resources that are consumed during exploration activities, such as fuel, lubricants, drilling fluids, and explosives.
- **Core samples** are samples extracted from mining concessions and used for analysis and evaluation.
- **Infrastructure and facilities** are the physical structures and facilities required to support mining exploration, including core shacks, regional offices, and exploration camps.
- **Safety and personal protective equipment** is gear and safety equipment for employees involved in exploration activities, such as helmets, safety glasses, and gloves.

Services

- **Drilling and exploration services** are provided by contractors, including core drilling, logging, sampling, geophysical surveys, and more.
- **Geological and technical services** are related to geological analysis, interpretation, modeling, and technical support for exploration activities.
- **Core sample analysis** is conducted at a laboratory to determine the mineral content, grade, and metallurgical properties of the samples we gather.
- **Logistics and supply chain management services** facilitate the transportation, storage, and management of goods and equipment required for exploration activities.
- **Health, safety, and environmental services** are focused on ensuring health and safety compliance, environmental impact assessments, monitoring, and mitigation measures.
- **Administrative and support services** help make possible the operational functions of mining exploration. They include financial management, procurement, human resources, and so on.

Suppliers

- **Contractors** are service providers with whom Solaris has established a formal contractual relationship. These suppliers are engaged in ongoing or significant contractual arrangements, documented through agreements such as fixed-term contracts, terms and conditions agreements, service orders, or specific contracts for service or product sales. Contractors provide goods and services directly used in exploration activities or support processes.
- **Vendors** are those with whom Solaris conducts acquisitions using purchase orders. Vendors typically provide goods or services that do not require establishing a formal contractor relationship due to lower annual acquisition amounts. Procurement from vendors allows for efficient processes while maintaining appropriate controls and supplier management practices.

Procurement Challenges, Achievements, and Goals

Solaris continues to enhance its procurement processes, promote local sourcing, and foster positive relationships with suppliers. We do so by addressing supplier challenges, achieving procurement milestones, and setting goals for improved contract management and supplier development.

In 2022, Solaris successfully responded to challenges related to suppliers, particularly in contracting and supplier formalization. As a result, we achieved significant milestones in various areas of procurement and supplier engagement. Here are some of our achievements:

- We **signed and renewed more than 60 contracts**. This indicates our efforts to establish formal agreements with suppliers, ensuring clear terms and conditions for procurement activities.
- Solaris **increased the percentage of purchases made under contract** to 97%, reflecting a 91% increase by December 2022. This demonstrates our commitment to ensuring transparency, accountability, and compliance in its procurement processes.
- We **engaged 224 suppliers from Limón Indanza**, marking a significant 1831% increase compared to the previous year. This shows our efforts to expand our supplier base and involve local businesses in the procurement process, promoting economic growth and job creation in the region.
- Solaris substantially **increased the volume of purchases from Limón Indanza** to \$8,172,544, reflecting a 2,323% increase compared to 2021. This highlights our commitment to local sourcing and supporting the local economy.
- We **worked with mule suppliers from Warints and Yawi**, resulting in 60% of purchases being deductible expenses from August to December 2022. This indicates our efforts to support local transportation services and contribute to the local community's economic development.
- Solaris **successfully developed new local suppliers in Limón Indanza**, with a purchase volume of \$281,445 for items such as meat, vegetables, and food. This signifies our commitment to diversifying our supplier base and engaging with local businesses for various goods and services.

Looking ahead to 2023, Solaris has set specific goals to further enhance its procurement practices and supplier relationships. These goals include preparing, maintaining, and controlling supplier and contractor contracts; developing and implementing policies for procurement and contracting; and strengthening our relationships and communication with current and potential suppliers. These objectives align with Solaris's overall organizational objectives outlined in the Lowell 3.0 strategy, emphasizing sustainable growth and responsible mining practices.



Employees

GRI 401: Employment
GRI 402: Labour Relations
GRI 403: Occupational Health and Safety
UNGC 3, 4, 5, 6

Solaris contributes to the achievement of the United Nations Sustainable Development Goal 8, which aims to promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all, by promoting safe, productive, and full work in all our operations.

Solaris is committed to ensuring compliance with labour rights regulations and creating a respectful and inclusive work environment. We emphasize the importance of adhering to individual labour rights as outlined in various regulations, including the Code of Conduct and Business Ethics and the Lowell Mineral Exploration S.A. Employee Manual (Company Manual).

A key aspect of Solaris's values is the respect for diverse ideas and opinions, regardless of factors such as gender, sexual orientation, political beliefs, or social background. We strictly prohibit aggressive words, attitudes, and actions, including workplace harassment and the use of offensive language. Respecting the privacy and integrity of colleagues is of utmost importance, and employees are encouraged to maintain polite, respectful, and friendly interactions.

Solaris places strict importance on compliance with the Code of Conduct and Business Ethics, and any breach of the Code of Conduct and Business Ethics may be subject to disciplinary action, including termination of employment or other business relationships. The Human Talent Department follows the disciplinary actions specified in the Code of Conduct and Business Ethics in such cases. The severity of the disciplinary action is determined based on factors such as recidivism, the seriousness of the act, and the act's consequences.

The Code of Conduct and Business Ethics applies to all Solaris employees, regardless of their level of authority. Additionally, the Field Project Code of Conduct applies to all field staff working on the various operational fronts of the Warintza Project. By upholding these codes and ensuring compliance, we demonstrate our commitment to promoting a safe, respectful, and inclusive work environment for all employees.

Hiring Local Labour

Hiring local labour for our concessions in the Warintza Project is a significant step forward in Solaris's exploration campaign. This generates formal employment and contributes to the reactivation of the economy in the canton and the province in general. Including workers from San Antonio Parish has been recognized as a demonstration of our commitment to creating direct employment opportunities for people who lack resources.

"The Warintza Project has taken a decisive step forward through its exploration campaign by hiring local labour in its respective concessions, generating formal employment that reactivates the economy of the canton and the province in general. San Antonio workers now form part of the Solaris team in one of the main exploration projects in Ecuador."

— Ricardo Obando, Solaris's Country Manager

Rotative Workers

One example of Solaris's inclusive approach is the employment of rotative workers. These workers alternate between periods of work at the Warintza Project and their own lands or projects. They are recommended and approved by community Chiefs and operate on a rotational basis to ensure all community members have an opportunity to work for Solaris. This approach recognizes and integrates culturally relevant work patterns into our employment structure. In July 2022, Solaris hired 30 new rotative workers from the Kutukus, Tarimiant, and San Carlos de Limón communities of San Antonio Parish, Limón Canton. These new employees received training in corporate policy, occupational health and safety, geology, first aid, environment, and community relations. Prior to starting work, workers underwent occupational medical exams. They were then employed as prospecting assistants on Solaris's Clemente concession, which is believed to host a series of epithermal targets.

"Solaris is providing work for the people of San Antonio parish. I like everything I've heard about the Company—by caring about people and including us all, Solaris is creating direct employment for many people who don't have resources. This training has given us a greater understanding of what the Company is doing and all the work it is generating."

— José Angamarca, rotative employee

Talent Management

By creating a positive and responsive work environment for all our employees, Solaris demonstrates its commitment to responsible and innovative talent management. In 2022, Solaris fully achieved its talent management objectives:

Attracting qualified workers capable of acquiring skills necessary for strategic positions

- Effective execution of selection processes through employment portals and agreements with educational institutions
- Efficient application of technical and psychometric evaluations to finalist candidates
- Efficient execution of competency-based interviews with finalist candidates

Retaining current employees through performance evaluation and training plans

- Planning and execution of the annual performance evaluation plan (quantitative and qualitative)
- Surveying training needs based on the annual performance evaluation
- Execution of the annual training plan and development of career plans in collaboration with strategic areas of Solaris

Contributing to the improvement of the organizational climate and culture

- Generation of benefit policies focused on motivating workers
- Conducting an annual labor climate measurement
- Implementing strategies based on the results of the work environment measurement

Developing and ensuring a work environment that upholds staff well-being

- Preparation of a Social Work Plan
- Design and implementation of the Psychosocial Risk Factor mitigation plan for 2023

Ensuring legal compliance regarding payroll and compensation

- Compliance with payroll payment times and authorized benefits for permanent staff
- Compliance with payroll payment times and authorized benefits for rotative staff

Improving Internal Process Management

In 2022, the Solaris management team undertook a comprehensive process management initiative aimed at organizing and optimizing all areas of the Company. This involved a meticulous development and implementation process, gathering information on activity sequences, responsible individuals, formats, execution frequency, management indicators, and internal clients for each process.

During the design phase, specific processes were created for each area, defining the flow of activities, frequency, order, and responsible individuals using a performance-based numerical index. To ensure control and monitoring, flowcharts and manuals were designed, providing clear visual representations of the steps and requirements for each process.

The designed and documented processes were then shared with the respective staff in charge to ensure familiarity and effective execution. Quarterly internal audits were conducted to monitor the implementation, assessing factors such as adherence to the established process scheme, order of operations, necessary endorsements, required authorizations, and measurability.

By analyzing management indicators, Solaris evaluated the outcomes of each process and identified areas for improvement and optimization. This feedback played a crucial role in continuously refining and enhancing the processes, resulting in increased efficiency and effectiveness throughout the organization.

To maintain effective management and control of each process, Solaris follows a continuous improvement scheme based on the principles established by Edwards Deming.¹⁴ Quarterly internal reviews are conducted to enforce compliance, analyze indicators, identify improvement opportunities, develop improvement plans, create new reports, and implement supporting documents and tools. This ensures the ongoing enhancement and seamless integration of our processes.

Through this robust process management scheme, Solaris strives to enhance operational efficiency, streamline workflows, and achieve sustained excellence in our organizational practices.

¹⁴ See <https://deming.org/>.

Occupational Health and Safety

Solaris is fully committed to maintaining a safe and healthy work environment by emphasizing continuous improvement in occupational health and safety (OHS). Our commitment to OHS aligns with the goal of providing a safe and secure work environment, fostering a culture of care, and mitigating risks associated with our operations. Solaris prioritizes OHS in all activities, particularly within the Warintza Project. We are committed to providing, administering, and developing skilled labour while upholding the highest standards of occupational risk prevention.

Here are the key elements of Solaris's approach to OHS:

- Solaris has implemented an **OHS Management System** based on the Community of Nations' (CAN) Legal Technical Requirements (RTL) principles and ISO 45001:2018 guidelines to provide a structured framework for effectively managing occupational health and safety risks throughout the organization.
- We have developed an **Education and Training Plan** that incorporates behaviour-based security processes. This plan includes comprehensive orientation, education, and training programs aimed at equipping employees with the necessary knowledge and skills to identify and mitigate risks, fostering a safe working environment.
- Solaris employs **administrative management practices** that focus on identifying and measuring potential risks. This approach is particularly important when implementing new prospecting procedures and conducting work in remote areas. By proactively addressing and minimizing potential hazards, we ensure the safety of our workforce.
- We have established **operational processes** that enhance safety. These include the development and dissemination of survival guides, the implementation of the MEDEVAC Emergency and Contingency Plan, and the establishment of the Worker Health Surveillance Program. Solaris follows the guidelines set by the Basic Aviation Risk Standard (BARS) to ensure safety in aviation-related activities.

OHS Challenges, Achievements, and Goals

In 2022, Solaris responded to several challenges in the realm of OHS and achieved significant milestones. Challenges included organizing self-sufficient rescue and first aid brigades, incorporating procedures for prospecting and remote work areas, updating existing procedures to meet new requirements, strengthening the OHS unit, and maintaining zero occupational diseases while preventing work accidents. In response to these challenges, we were able to make significant achievements throughout the year, including:

- **Won the SSOTER Award** from Ecuador's Minister of Labor for our effective Occupational Medicine and Environmental Laboratory Management System, highlighting our commitment to the effective management of occupational health and safety.
- **Obtained ISO 45001:2018 certification** and Workplace Hazard Assessment and Control certification.
- **Provided continuous training in basic first aid**, ensuring that employees were equipped with essential life-saving skills, creating a safer work environment, and enabling employees to respond effectively in case of emergencies.
- **Provided comprehensive training to prospecting teams** during each session ensured the necessary knowledge and skills to carry out their work safely and effectively.
- **Provided permanent curative and preventive medical care** at each workplace, including regular check-ups, screenings, and medical support to ensure the well-being of employees.
- **Delivered weekly academic and practical trainings to the technical team**, enhancing their knowledge and skills related to occupational health and safety and contributing to a culture of continuous learning and improvement.
- **Successfully implemented our Code of Conduct and Business Ethics**, which sets clear expectations for employee behaviour, promoting a respectful and inclusive work environment.
- **Reached the impressive milestone of one million man-hours worked without any reportable accidents**, reflecting the effectiveness of our safety measures and the commitment of our workforce to working safely.

Looking ahead into the future, Solaris has set ambitious goals to further enhance our OHS practices. These goals include adequately monitoring the water used for consumption, managing resources for worker monitoring based on job positions, training health and safety technicians to form a rescue team in wilderness areas, ensuring timely communication during work activity monitoring, and maintaining zero work accidents and occupational diseases.

“Six Guiding Principles” OHS Campaign

Solaris is committed to ensuring the well-being of all workers at the Warintza Project through collaborative efforts and by promoting a safe working environment for everyone.

In 2022, Solaris took a proactive step by establishing the Occupational Health and Safety Working Group in collaboration with contractors from the Warintza Project. The primary objective of this working group was to strengthen relationships between employees and contractors while adopting a unified preventive approach to mitigate risks and prevent accidents. This recognized that employees and contractors face similar risks and aimed to create a regulatory framework to be followed by all individuals involved, regardless of their employment status.

To effectively address critical risks, the working group identified six main areas of focus, known now as the Six Guiding Principles. These principles cover various aspects of occupational health and safety, including human resources, the use of chemicals and hazardous substances, environmental respect, ergonomic risks, personal protective equipment use, and the proper use of tools and equipment.

Solaris then implemented these Six Guiding Principles by engaging with all employees and undertook a comprehensive process to ensure their understanding of and adherence to the principles. This process included training sessions, awareness programs, and ongoing communication to promote a culture of safety and responsible practices in our workforce.

Our Guiding Principles are:

- 1. Promote respect among all workers within the Company.**
 - 2. Provide training to workers on Material Safety Data Sheets and proper handling and storage of chemicals and hazardous substances.**
 - 3. Make environmental respect a fundamental aspect of the Company's sustainability project.**
 - 4. Reduce the incidence of health issues caused by repetitive movements, forced postures, or incorrect handling of loads.**
 - 5. Continuously strengthen the use and maintenance of personal protective equipment in the Project areas where it is required.**
 - 6. Minimize incidents related to mechanical risks in the Project by promoting safe and proper use of equipment and tools.**
-

Sustainability Education

Solaris made a strategic commitment to sustainability and responsible mining by declaring 2022 as the Year of Sustainability. This decision was accompanied by concrete actions aimed at highlighting the importance of sustainability and responsible practices in conjunction with the progress of the Warintza Project. Activities were thoughtfully planned, in coordination with the community, to promote the importance of fostering sustainable relationships between the communities, employees, and Company executives.

The two main series of activities were the Colours of Sustainability program and our Sustainability Open Houses.



The Colours of Sustainability Program

As part of this initiative, Solaris partnered with Azurian Consulting, a local social communication consulting firm, to develop and implement an extensive educational program rooted in the Shuar culture. Working closely with the Shuar communities and teachers from the Cordillera del Cóndor Education Board (UECC), Solaris created pedagogical materials tailored for different generations of the Shuar People.

Throughout 2022, we carried out a series of impactful activities to promote sustainability and raise awareness among the Shuar communities. This included a communication campaign titled The Colours of Sustainability, workshops, trainings, conferences, and traditional community events. The campaign aimed to foster active participation and creative expression related to sustainability.

The Colours of Sustainability campaign featured workshops, a competition, and a prize ceremony to engage the community and encourage their involvement in sustainable practices. We released bimonthly Sustainable News videos to keep the community informed about sustainable initiatives and developments. We also launched a media campaign to disseminate information about the initiative's activities and achievements through local media channels.

Training sessions and workshops were conducted for management, community leaders, workers, community members and contractors to instill crucial knowledge about sustainability principles. These sessions attracted a total of 400 participants and used engaging activities inspired by the rich culture of the Shuar People. The workshops focused on eight prioritized sustainability concepts and the United Nations' SDGs and aimed to empower individuals to actively contribute to sustainable practices in their personal and professional lives.

Through these educational initiatives, Solaris aims to bridge the knowledge gap among employees, community members, and contractors, highlighting the specific SDGs that we contribute to daily. This comprehensive approach to sustainability training and awareness demonstrates Solaris's commitment to integrating sustainability principles into all aspects of our operations, fostering a culture of responsible mining and community engagement.

Figure 12 shows the program's graphics, inspired by the colours, concepts and characters of ancestral Shuar culture. These were used throughout the workshops and events.

We continue to work on this project and look forward to its completion in 2023.



Figure 12.
Colours of
Sustainability
booklet

Sustainability Open Houses

In 2022, Solaris organized three open houses in Warints, Yawi, and Quito, attended by all employees working on the Warintza Project. These open houses served as platforms for each department to share and discuss their day-to-day operations and activities, highlighting the significance of their roles in the overall success of the Project. Sustainability Open Houses provide Solaris an opportunity for employees to exchange ideas, suggestions, and best practices across departments. We believe that cross-functional communication and collaboration can lead to improved coordination, increased efficiency, and innovative solutions.

The open houses aimed to foster a sense of unity and collaboration among the Solaris employees working on the Warintza Project. By providing an opportunity for each department to showcase their work, the events emphasized the concept of a well-integrated system. This concept recognizes that every department and its respective functions are critical to the smooth and efficient execution of activities within the Project.

During the open houses, representatives from each department presented insights into their specific tasks, responsibilities, and contributions to the Project. They also discussed how their department's activities complemented and supported the work of other departments, emphasizing the interconnectedness of their efforts.

By sharing their day-to-day operations and activities, employees gained a better understanding of the broader scope of the Project and how their roles integrate into the Project as a whole. This enhanced awareness of the Project's intricacies and dependencies aims to foster a sense of unity and a shared commitment to success.

KATMASARTAI



Employee and Family Engagement

Solaris is dedicated to supporting employees in maintaining a healthy work-life balance. We believe in fostering a sense of belonging, unity, and cooperation within the Solaris community. We aim to do so by inculcating these values among employees, their families, and the broader community. Here, we describe two projects we undertook to this end.

Rotative Workers Artwork Competition

In May 2022, Solaris launched an artwork contest open to rotative staff from different exploration camps. The contest aimed to encourage artistic expression, creativity, and collective engagement. Nine submissions were received from participating employees.

The judging of the artwork took place at the Company site office in the Shuar Center Warints with a judging panel consisting of the Chief of Warints, the Coordinator of the AE Directory, and representatives from Solaris and the Sustainability Commission. The judging panel used criteria such as artistic skill, originality, creativity, adherence to contest guidelines, and overall visual impact to evaluate artwork submissions fairly and collaboratively.

By showcasing the artistic talent of rotative staff, Solaris demonstrated support for culturally relevant work patterns and promoted engagement among employees who do not interact with each other on a daily basis.

Little Explorers Treasure Hunt: Uniting Family and Work

In 2022, Solaris held the first Little Explorers Treasure Hunt to strengthen engagement and solidarity between employees and their families and promote a healthy work-life balance.

The treasure-hunt aspect of the event engaged participants' critical thinking skills, encouraging teamwork and problem-solving. By involving employees' families, we emphasized the importance of family integration by creating an opportunity for shared experiences. Families and employees were organized into teams to encourage interaction and collaboration, foster camaraderie, and promote teamwork. Food stalls and entertainment zones with live performances and music enhanced the festive atmosphere.

Throughout the event, Solaris showcased our commitment to work-life integration by highlighting various initiatives such as flexible working arrangements and family-oriented policies. The event culminated with an awards ceremony, where prizes and certificates were awarded to teams for outstanding teamwork and problem-solving abilities.



Diversity, Equity, and Inclusion

GRI 405: Diversity and equal opportunity
GRI 406

In our commitment to fostering a culture of diversity, equity, and inclusion (DEI), Solaris undertook several research activities in 2022 to establish a baseline for DEI. We also sought to gain a deeper understanding of workplace attitudes towards gender inclusion, culture, and ethnicity, as well as unconscious bias. We engaged both women and men employed by Solaris in Ecuador to gather information and insights.

To facilitate open discussions, we organized small focus group meetings, providing employees with a platform to share their perspectives on diversity and inclusion. We also conducted a comprehensive survey among all permanent staff, allowing individuals to express their opinions and share their employment experiences related to gender diversity, culture, and ethnicity in the workplace. The high response rate of 81% reflected the importance of these topics for Solaris employees.

Further, we held one-on-one interviews with local leadership to gain deeper insights into their perspectives on diversity and inclusion, capturing a range of viewpoints within the organization.

The data collected from these research activities revealed knowledge gaps concerning gender-related issues, as well as in cultural and ethnic understanding within the organization. Specific areas identified included understanding the concept and scope of violence against women, the perpetuation of social roles and myths that contribute to such violence, the social and economic impacts of violence against women, and the current regulatory framework surrounding this issue. Additionally, the research highlighted the need to create cross-cultural understanding between Indigenous and non-Indigenous employees and contractors.

In response to these findings, Solaris recognizes the need for action and proposals to combat gender-based violence and promote cultural and ethnic understanding within the organization. We aim to enhance our understanding of DEI issues and develop targeted initiatives to promote a more inclusive and equitable workplace. We remain dedicated to addressing these gaps and implementing measures that foster a supportive and respectful environment for all employees.

Diversity, Equity, and Inclusion Policy

In August 2022, Solaris took a significant step by implementing a comprehensive Diversity, Equity, and Inclusion (DEI) Policy in collaboration with CEDEAL. This policy demonstrates our commitment to fostering a culture of equity, diversity, and inclusion, where respect, tolerance, empathy, and diverse perspectives are valued and encouraged.

Our DEI Policy ensures that all employees have the right to work in an environment free from discrimination, harassment, coercion, and disruption. It aims to remove barriers and promote fairness to cultivate a sense of belonging for everyone within the organization, while also encouraging contractors and suppliers to uphold similar standards. The policy is aligned with Solaris's core corporate policies, including the Human Rights Policy, Indigenous Rights Policy, Sustainability Policy, and Code of Conduct and Business Ethics.

Guided by key principles such as respect for people, non-discrimination, the promotion of diversity, inclusive communication, awareness, capacity development, and the dissemination of DEI principles, the policy addresses core concepts including gender equality and equity, ethnic diversity, sexual orientation, and disability inclusion.

To ensure a safe and respectful workplace environment, Solaris mandates sexual and workplace harassment training for all employees. By implementing and upholding the DEI Policy, we aim to create a work environment where everyone feels valued and empowered and has equal opportunities for growth and success.

Gender Equity and Empowerment

Solaris recognizes that the mining industry has had a poor diversity track record and is committed to advancing gender equality in the workplace, marketplace, and community. We have been a signatory of the Women's Empowerment Principles since March 2021, and are excited to continue enhancing diversity and inclusion through strategic initiatives that translate into action.

Solaris continues to comply within the framework of our adherence to the Women's Empowerment Principles (WEP), our Women in Mining (WIM) membership, the ten Principles of the Global Compact, and the UN SDGs. We comply with SDG 5 in particular regarding gender equality and the Global Compact Principles related to human rights, as well as the seven Principles of Women's Empowerment.

"We have made a deliberate effort to work towards developing a work environment that is barrier-free for developing women leaders in our organization and beyond. The principles allow us to strengthen our commitment towards internationally proclaimed human rights and help inform other stakeholders as they engage in business with us."

— Daniel Earle, President and CEO, Director

Women's Empowerment Principles

Solaris aims to advance the UNGC Principles 1 to 7 on human rights and labour with a specific focus on gender equality. Solaris set targets relevant to each women's empowerment principle (WEP) in 2021 with the aim of accomplishing them yearly. We have made significant progress on each one in 2022, as described in Table 21.

Principle	Target 2021	Progress 2022
1. Establish high-level corporate leadership for gender equality	<ul style="list-style-type: none"> Develop a site-specific Human Resources Policy, establish site-specific goals and targets for gender equality and women's empowerment, and ensure management accountability. Engage with external stakeholders and develop and implement a diversity committee. 	<ul style="list-style-type: none"> Developed Policy on Diversity, Equity, and Inclusion (DEI). Developed a management procedure in cases of discrimination, sexual harassment, and all forms of workplace violence. Created a DEI Committee in charge of reviewing cases of sexual harassment and workplace violence.
2. Treat all women and men fairly at work-respect and support human rights and non-discrimination	<ul style="list-style-type: none"> Conduct training on the prevention of discrimination and harassment against women. Develop and implement a corporate campaign to foment corporate culture on women's empowerment and gender equity. 	<ul style="list-style-type: none"> Conducted training on the prevention of discrimination, harassment against women, and unconscious bias. Received Empresa Segura certification for all employees. Carried out a respect campaign to foment corporate culture on gender equity and workplace violence called Sustainability is Respect for Diversity.
3. Ensure the health, safety, and well-being of all workers	<ul style="list-style-type: none"> Establish internal policies and procedures preventing all forms of violence and sexual harassment at work, including a claims mechanism and resolution process. 	<ul style="list-style-type: none"> Developed management procedure in cases of discrimination, sexual harassment, and all forms of workplace violence. Carried out outreach to ensure all employees and workers had access to the internal grievance mechanism.
4. Promote education, training, and professional development for women	<ul style="list-style-type: none"> Promote gender diversity and empowerment in the mining industry by providing educational opportunities and financial support to women pursuing careers related to mining in the Amazon region and Ecuador. 	<ul style="list-style-type: none"> Created a scholarship program for women in the Amazon region studying toward careers related to mining (the Amazon Woman Miner Scholarship Program). Sponsored a scholarship program in partnership with WIM for women in Ecuador studying toward careers related to mining (the Woman Miner Scholarship Program).
5. Implement enterprise development, supply chain, and marketing practices that empower women	<ul style="list-style-type: none"> Raise awareness among business partners, contractors, and suppliers about the WEPs. Design and implement a responsible marketing policy. 	<ul style="list-style-type: none"> Carried out a respect campaign to foment corporate culture on gender equity and workplace violence called Sustainability is Respect for Diversity.
6. Promote equality through community initiatives and advocacy	<ul style="list-style-type: none"> Continue to lead by example in the mining industry. Continue to promote and recognize women's leadership and contributions to their communities; ensure women's active participation in community consultation, particularly in the Warintza Project's direct area of influence. Continue to leverage influence to advance gender equality and collaborate with business partners, suppliers, and community leaders to achieve results. Continue to work with community stakeholders and officials to eliminate discrimination and exploitation and to expand opportunities for women and girls. Continue to support community initiatives and our Warintza Mujer development program. 	<ul style="list-style-type: none"> Attended multi-stakeholder dialogue sessions and events to promote the importance of women's leadership in the mining industry. Carried out Project Núa, about exercising indigenous women's rights, in partnership with CEDEAL. This was a year-long project of participatory activities with the women of Warints and Yawi on the subject of women's rights, reproductive rights, gender-based violence and women's empowerment. Implemented a DEI Policy that extends to all workers and contractors for the Warintza Project.
7. Measure and publicly report on progress to achieve gender equality	<ul style="list-style-type: none"> Develop incentives and accountability mechanisms to accelerate WEP implementation through KPIs; report on progress. Continue to collect, analyze, and report results at all levels; conduct an organization-wide survey about gender. Share lessons learned and good practices in the implementation of the WEPs. 	<ul style="list-style-type: none"> Participated in the first round of the UNGC Target Gender Equality Accelerator Program. Took part in an Ecuador-wide survey on gender equity and women's participation in the mining sector, carried out through efforts between WIM Ecuador, EITI, and the Ecuadorian Mining Chamber. Published the 2021 Sustainability Report and the 2021 COP Report; renewed our commitment to the WEPs.

Table 21.
Solaris's progress toward UNGC Women's Empowerment Principles 1 to 7

Sexual and Workplace Harassment Complaint Mechanism

In 2022, Solaris has established a dedicated complaint procedure and grievance resolution mechanism to address workplace issues. This process is specifically designed to handle cases of workplace harassment, discrimination, and any form of workplace violence that are in violation of our DEI Policy. The procedure ensures that individuals have a clear, confidential, impartial, and efficient pathway to report incidents.

Employees who become aware of or witness actions that contravene the DEI Policy can submit a confidential complaint through the designated channel (teescuchamos@lowellmineral.com). The complaint form is readily available by contacting any member of our Talent Management Team or through the on-site Camp Manager.

Upon receipt of a complaint, emails are directed to the DEI Committee, which consists of a representative from Talent Management and another from the Corporate Social Responsibility and Sustainability area. The DEI Committee plays a crucial role in reviewing and assessing all complaints using a system of verification established through specific checklists. These checklists enable a thorough examination of the incident, ensuring a detailed review to determine whether sexual or workplace harassment has occurred.

By following this rigorous process, shown in Figure 13, the DEI Committee ensures a fair and objective evaluation of each complaint while upholding the principles of confidentiality and impartiality. Solaris is committed to fostering a safe and respectful work environment for all its staff and contractors, and the establishment of the complaint procedure and grievance resolution mechanism reinforces this commitment. These tools provide individuals with a reliable avenue to disclose incidents and seek resolution.

By addressing workplace issues promptly and effectively, Solaris aims to create a culture of accountability, respect, and inclusivity throughout the organization. We are dedicated to upholding the principles of our DEI Policy and ensuring that all employees and contractors can work in an environment free from harassment, discrimination, and violence.

GENERAL OUTLINE FOR HARASSMENT AND DISCRIMINATION CASES

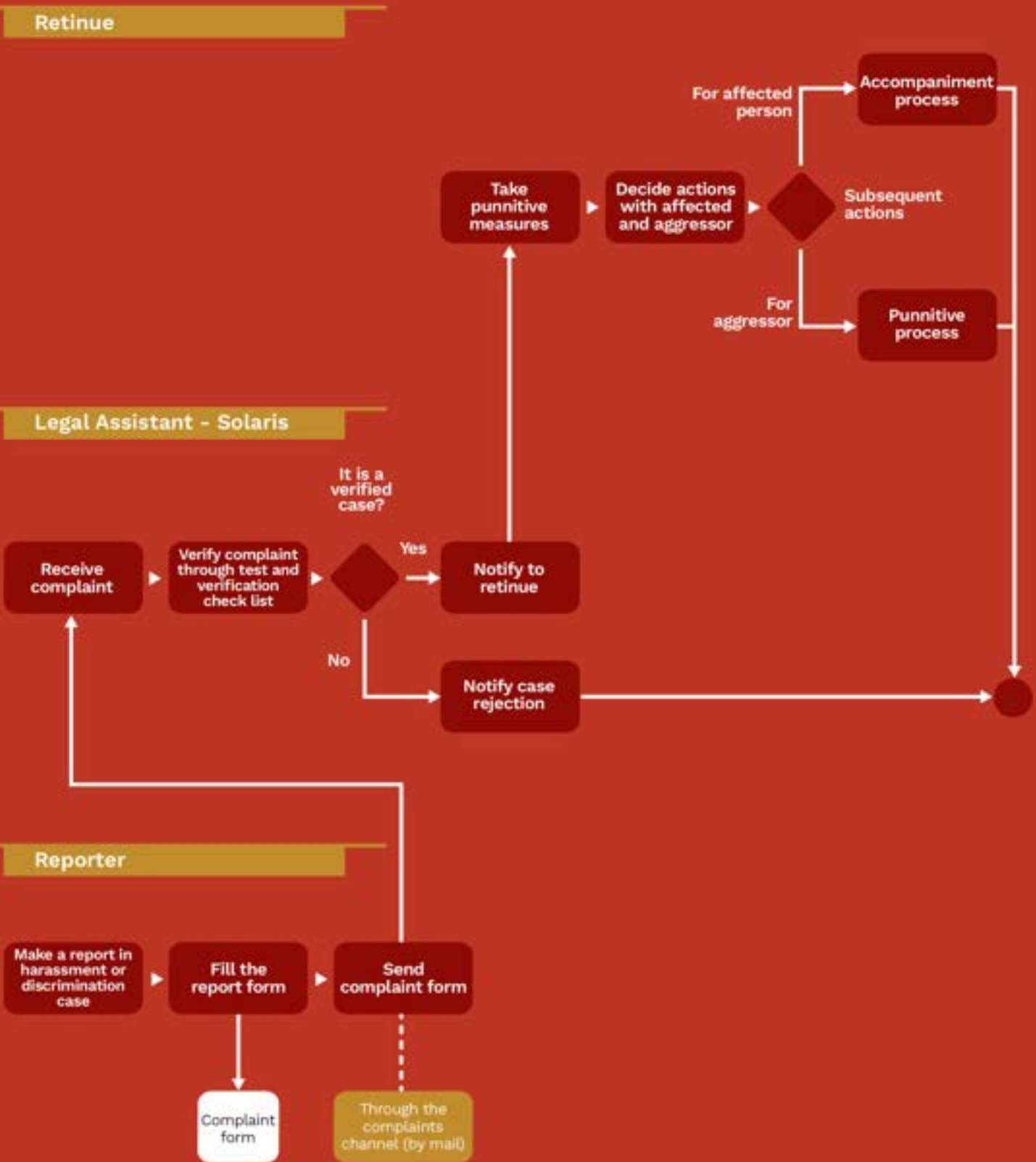


Figure 13. Harassment and discrimination process flow chart

Safe Workplaces Training

In 2022, Solaris took significant strides towards fostering an inclusive and safe workplace environment by forging a strategic partnership with Grupo Lila, an organization that was founded in 2016 to improve the situation of women in the workplace, promote workplace flexibility, and encourage work-life balance in companies, with the aim of achieving a better balance (personal, family, and professional) and improving quality of life for families. Recognizing the importance of addressing the knowledge gap on gender issues and advancing our corporate Diversity, Equity, and Inclusion (DEI) Policy, we collaborated with Grupo Lila to develop and implement targeted workshops. These workshops, conducted in Macas and Quito, aimed to promote safe workplaces using the cutting-edge Safe Workplaces—Leader in Zero Tolerance against Violence against Women Methodology developed by the German International Cooperation Agency (GIZ).

The workshops were not only instrumental in providing our permanent staff with a deeper understanding of gender-related issues specific to their respective areas but also played a pivotal role in enhancing Solaris's DEI Policy. Through this collaboration, we successfully incorporated effective reporting mechanisms within a broader framework of gender and cultural safety, reinforcing our commitment to creating a workplace that values diversity and promotes equality.

By leveraging Grupo Lila's expertise and adopting the GIZ methodology, Solaris has unequivocally demonstrated its dedication to promoting safe and inclusive workplaces. These workshops served as a valuable platform for our staff to gain insights into and address gender-based issues, contributing to the cultivation of a more respectful and equitable work environment.

In addition to the gender-focused workshops, Solaris conducted comprehensive training sessions on the prevention of discrimination, harassment against women, and unconscious bias. This commitment to ongoing education and awareness-building culminated in the achievement of Empresa Segura certification for all employees, underscoring our dedication to ensuring a workplace that is secure, supportive, and free from discrimination.

Solaris remains steadfast in its commitment to fostering a workplace culture that embraces diversity, equity, and inclusion, and we look forward to building upon these initiatives to create an even more inclusive and supportive environment for our entire workforce.

Respect Campaign

In 2022, Solaris embarked on a proactive campaign to raise awareness about our DEI Policy and the complaint reporting mechanism through an impactful video titled "Inequity." This thought-provoking video, available on YouTube, focuses on the slogan "Good work is respectful work," and sheds light on gender inequity.¹⁵

The video features the testimonial of a woman engineer who bravely shares her personal journey and experiences, highlighting the profound impact of gender-based discrimination on her professional growth. She recounts the derogatory treatment she faced from professors and fellow students during her time in engineering classes, the challenges she encountered while seeking employment and competing against male candidates, and her employers' and supervisors' lack of belief in her professional abilities. Her candid account aims to increase awareness of and mitigate gender-based workplace harassment.

The video serves to encourage staff to make use of Solaris's complaint reporting mechanism, which provides a platform to report incidents of gender-based harassment. By showcasing the prevalence of gender inequity in the workplace, Solaris aims to foster a greater understanding of the problem and create an environment where such behaviour is not tolerated.

The goal of the campaign is to empower employees to come forward, report instances of harassment, and contribute to the collective effort in building a more inclusive and respectful work environment. Through this campaign, Solaris reinforces its commitment to promoting diversity, equity, and inclusion, ensuring that all individuals feel safe, respected, and valued within the organization.

15. <https://www.youtube.com/watch?v=beL5r7DdDqc>

Intercultural and Inter-ethnic Understanding: The Shuar Nationality Project

Solaris recognizes the significance of the ancestral Indigenous territories in Warints and Yawi and the diverse cultures of the Indigenous Centers residing there. Grounded in this recognition, Solaris is deeply committed to promoting Participatory Mining in these communities. We firmly believe that sustainability and the preservation of the ancestral Amazonian culture of our partners, the Shuar Peoples of Warints and Yawi, are integral to the success of a mining exploration project.

In 2022, Solaris responded to the interest expressed by a community member in revitalizing and protecting the Shuar national culture. As a result, we initiated an education project dedicated to revitalizing ancestral Shuar values and knowledge. This project involves the development of educational modules that will be incorporated into workshops focused on Shuar ways of being and knowing. To ensure community engagement and leadership, all activities related to the Shuar Nationality Project are led by community representatives and coordinated with local educational institutions and faculty members.

The workshops will not be limited to specific individuals but will be made accessible to all employees involved in the Warintza Project, including rotative workers, permanent employees, and contractors. Solaris recognizes that traditional education and knowledge play a vital role in bridging cultural gaps and fostering relational coexistence among the diverse stakeholders of the Project. By facilitating the transfer of ancestral knowledge and promoting pluricultural awareness, Solaris aims to build channels that foster mutual respect and understanding.

The Shuar Nationality Project is an ongoing initiative, constantly evolving to meet the needs and aspirations of the community. Solaris remains committed to its long-term success and will continue working collaboratively with the Shuar Peoples and other stakeholders in the region. By prioritizing the preservation and promotion of ancestral culture, Solaris strives to forge a harmonious relationship with the communities of Warints and Yawi, promoting sustainable mining practices rooted in respect and appreciation for the Indigenous heritage of the region.



Conclusion

Solaris's 2022 Sustainability Report reflects our unwavering commitment to responsible and sustainable mining practices in collaboration with our Indigenous Peoples community partners, the Shuar Centers of Warints and Yawi. Our dedication to the Warintza Participatory Mining Model, which fosters mutual respect, knowledge exchange, and shared benefits, has been at the forefront of our endeavours in the Warintza Project in Ecuador.

The data presented in this report demonstrates the clear and positive impact of our sustainability initiatives over the past year. We have significantly increased our procurement purchases from within the Project's direct area of influence, injected more funds into employee salaries and benefits, and contributed to the tax revenue of the Government of Ecuador. The fact that 89% of our employees originate from the Amazonia Region highlights our commitment to supporting local livelihoods and ensuring cultural safety.

Moreover, our focus on health and safety is evident through the extensive training programs, medical care, and life insurance coverage we provide to all our workers. We have also made strides in promoting diversity, equity, and inclusion (DEI) within our workforce, with over 80% of employees participating in DEI analysis surveys and training programs.

On the environmental front, our efforts in implementing a carbon reduction strategy and the progress in our Biodiversity and Ecosystem Management Strategy in partnership with the Wildlife Conservation Society are essential steps toward minimizing our impact on the environment.

Furthermore, our dedication to community engagement is reflected in the Citizen Participation Process, guided tours for various stakeholders, and the substantial investment in social and development programs for the communities in the Warintza Project's direct area of influence.

In essence, this report underscores our belief that mining, when approached with genuine commitment to sustainability, can generate a ripple effect of benefits for all stakeholders involved. By integrating sustainable practices from the outset, we can mitigate negative impacts, amplify positive outcomes, and contribute to the well-being of communities, the environment, and the global economy. Solaris remains steadfast in our pursuit of a responsible and sustainable mining industry that serves as a model for the world. We look forward to continuing this journey of collaboration and progress with our Indigenous Peoples partners and all stakeholders in the years to come.

Solaris would like to express its gratitude to all the readers who have taken the time to review Solaris Resources' second Sustainability Report. For more information on the content of this Report, please contact Investor Relations at info@solarisresources.com.

APPENDICES

Appendix 1.

GRI and Sustainability Accounting Standards Board (SASB)

Here, we present the GRI and Sustainability Accounting Standards Board (SASB) Disclosure Index for Solaris Resources Inc. This index provides a comprehensive cross-reference in our Sustainability Report for the period spanning January 01, 2022, to December 01, 2022. We have aligned our reporting with the Global Reporting Initiative (GRI) Standards, specifically addressing GRI 1: Foundation 2021, GRI 2: General Disclosures 2021, and GRI 3: Material Topics 2021. This appendix offers a clear mapping of our sustainability disclosures to the relevant SASB and GRI codes, facilitating transparency and accountability in our reporting.

GRI 1: Foundation 2021

Solaris Resources Inc. has reported in accordance with the GRI Standards for the period of January 1, 2022, to December 1, 2022.

SASB code	GRI code	Cross-reference in Report	Page number
GRI 2: General Disclosures 2021			
	GRI 2-1 Organizational details	This is Solaris Resources	21
	GRI 2-2 Entities included in the organization's sustainability reporting	Introduction	9
	GRI 2-3 Reporting period, frequency, and contact point	Introduction	9
	GRI 2-4 Restatements of information	Introduction	9
	GRI 2-5 External assurance	This is Solaris Resources	9
	GRI 2-6 Activities, value chain and other business relationships	Value chain This is Solaris Resources Procurement Supply Chain	21, 126
	GRI 2-7 Employees	This is Solaris Resources	26
EM-MM-000.B	GRI 2-8 Workers who are not employees	This is Solaris Resources	26
EM-MM-510a.1 Description of the management system for prevention of corruption and bribery throughout the value chain	GRI 2-9 Corporate Governance structure and composition	Corporate Governance Structure Ethics & Transparency	36
	GRI 2-10 Nomination and selection of the highest governance body	Ethics & Transparency	36
	GRI 2-11 Chair of the highest governance body	Ethics & Transparency	36
	GRI 2-12 Role of the highest governance body in overseeing the management of impacts	Ethics & Transparency	36
	GRI 2-13 Delegation of responsibility for managing impacts	Ethics & Transparency	36
	GRI 2-14 Role of the highest governance body in sustainability reporting	Corporate Governance Ethics & Transparency	36
	GRI 2-15 Conflicts of interest	Ethics & Transparency	36
	GRI 2-16 Communication of critical concern	Policy Frameworks	36
	GRI 2-17 Collective knowledge of the highest governance body	Ethics & Transparency	36
	GRI 2-18 Evaluation of the performance of the highest governance body	Ethics & Transparency	36
	GRI 2-19 Remuneration policies	Policy Frameworks	41
	GRI 2-20 Process to determine remuneration	Policy Frameworks	41
	GRI 2-21 Annual total compensation ratio	Policy Frameworks	41
	GRI 2-22 Statement on sustainable development strategy	Letter from the CEO	7
	GRI 2-23 Policy commitments	Our Approach to Sustainability Ethics & Transparency	31, 36

GRI 1: Foundation 2021

Solaris Resources Inc. has reported in accordance with the GRI Standards for the period of January 1, 2022, to December 1, 2022.

SASB code	GRI code	Cross-reference in Report	Page number
GRI 2: General Disclosures 2021			
	GRI 2-24 Embedding policy commitments	Ethics & Transparency	36
	GRI 2-25 Processes to remediate negative impacts	Policy Frameworks	41
	GRI 2-26 Mechanisms for seeking advice and raising concerns	Policy Frameworks	41
	GRI 2-27 Compliance with laws and regulations	Environmental Management	70
	GRI 2-28 Membership associations	Memberships, Affiliations and Partnerships Our Approach to Sustainability	31
	GRI 2-29 Approach to stakeholder engagement	Introduction Stakeholders and Transparency	9, 44
EM-MM-310a.1 EM-MM-310a.2	GRI 2-30 Collective bargaining agreements	Human and Indigenous Rights	50
GRI 3: Material Topics 2021			
GRI 3-1 and 3-2 for each material topic is listed under every corresponding topic section			
	GRI 201: Economic Performance	Employment and Economic Performance Appendix 5. Metrics	21
	GRI 203: Indirect Economic Impacts	Sustainable Development Programs	84
	GRI 204: Procurement Practices	Procurement and Supply Chain Appendix 5. Metrics	126
EM-MM-510a.1 EM-MM510a.2	GRI 205: Anti-Corruption	Anti-Corruption	41
	GRI 302: Energy	Energy use and efficiency	80
EM-MM-160a.1 EM-MM-160a.3	GRI 304: Biodiversity	Environmental Management Biodiversity and ecosystem management strategy Appendix 5. Metrics	78
EM-MM-110a.1 EM-MM110a.2	GRI 305: Emissions	Climate Change and Greenhouse Gases Appendix 5. Metrics	80
EM-MM-140a.1 EM-MM-140a.2 EM-MM-150a.7 EM-MM-150a.8 EM-MM-150a.9 EM-MM-150a.10	GRI 303: Water and Effluents; GRI 306: Effluents and Waste 2016 and GRI 301: Waste 2020	Environmental Management Environmental Management Plan Water and waste management Appendix 5. Metrics	76

GRI 1: Foundation 2021

Solaris Resources Inc. has reported in accordance with the GRI Standards for the period of January 1, 2022, to December 1, 2022.

SASB code	GRI code	Cross-reference in Report	Page number
GRI 3: Material Topics 2021			
	GRI 308-1: New suppliers that were screened using environmental criteria. GRI 308-2: Negative environmental impacts in the supply chain and actions taken	Solaris has developed and implemented a Supply Chain Policy that embeds environmental responsibility; however, environmental parameters have not been considered for supplier qualification. This is our goal for the year 2023-2024.	
EM-MM210b.2	GRI 401: Employment	Employment and Economic Performance Employees Appendix 5. Metrics	21, 26, 136
	GRI 402: Labour/ Management Relations	Talent Management Employees	136
EM-MM-320a.1	GRI 403: Occupational Health and Safety	Occupational Health & Safety Employees	136
	GRI 405: Diversity and Equal Opportunity	Diversity, Equity, and Inclusion Ethics & Transparency	36, 152
	GRI 406: Non-Discrimination	Diversity, Equity, and Inclusion	152
	GRI 407: Freedom of Association and Collective Bargaining	Human and Indigenous Rights	26
EM-MM-210a.1	GRI 411: Rights of Indigenous Peoples	Indigenous Rights	50
EM-MM-210a.2 EM-MM-210a.3 EM-MM-210b.1	GRI 413: Local Communities	Community Development Warintza Project	31, 50

Appendix 2.

LPRM Index

Here, we provide the Local Procurement Reporting Mechanism (LPRM) Disclosure Index. This index outlines the details of our local procurement practices, reflecting our commitment to supporting local economies and fostering community development. The following is a list of LPRM disclosures, each accompanied by a description, a cross-reference to their location in this report, and the corresponding page number.

LPRM Index

LPRM disclosure #	Description	Cross-reference	Page number
Disclosure 101	Mining company name	This is Solaris Resources Employment and Economic Performance	9, 21, 26
Disclosure 101	Mine site name		
Disclosure 101	Average number of workers on the mine site at once during the reporting period		
Disclosure 101	Reporting period		
Disclosure 101	Stage of the asset, including any significant expansion development underway:		
Disclosure 101	Estimated year of mine closure (if producing) or estimated mine-life for a mine under development (if not producing).	N/A. Solaris is an exploration mining company and has met the environmental impact criteria for its Warintza Project enabling us to commence the Advanced Exploration phase of concessions Caya 21, Caya 22 and Curigem 9.	
LPRM-200 Procurement systems			
LPRM 201: Policy on local suppliers	The reporting organisation shall report the existence of any mine site-specific local procurement policy and / or other Company policies or Company standards that include local procurement.	Procurement and Supply Chain	126
LPRM 202: Accountability on local suppliers	The reporting organisation shall report the name of the mine site departments responsible for local procurement.		
LPRM 203: Major contractors and local suppliers	The reporting organisation shall report if and how the mine site requires major suppliers / major contractors at the mine site to prioritize local suppliers. Explain how the reporting organization evaluates its major suppliers / major contractors on their local procurement.		
LPRM 204: Procurement process			
LPRM 204 A	The reporting organisation shall provide contact information (address or phone number) for the publicly available supplier contact persons or point of contact for suppliers, such as information offices.	Procurement and Supply Chain	126
LPRM 204 B	The reporting organisation shall provide information on any internal or external supplier procurement portals, databases, or registries (if applicable, provide URLs).		

LPRM Index

LPRM disclosure #	Description	Cross-reference	Page number
LPRM 204: Procurement process			
LPRM 204 C LPRM 204 D	The reporting organisation shall provide information on requirements and support for prequalification (if applicable, provide phone numbers, emails, or URLs). The reporting organisation shall provide information about local supplier development programmes or supplier capacity support (if applicable, provide URLs and phone numbers).	Supplier Development	126
LPRM 300: Local procurement spending by category			
LPRM-301: Categorizing suppliers	The reporting organisation shall report how the mine site categorises suppliers based on: <ul style="list-style-type: none"> • Geographic location, such as proximity to the site. • Level of participation, including level of ownership and/or employment by local individuals or particular groups (Indigenous people, vulnerable groups, etc.). • Level of value addition." 	Procurement and Supply Chain Appendix 5. Metrics	126
LPRM-302: Breakdown of procurement spend	The reporting organisation shall report the breakdown of procurement spend for each category of supplier provided in Disclosure 301: Categorising suppliers, including international suppliers. Reporting shall provide a breakdown by amount (in relevant currency) and by percentage of total spend (see Note 1). In addition, if possible, reporting shall provide a breakdown of spending by major spend families (see Note 2).	This is Solaris Resources Employment and Economic Performance	21, 26
LPRM-400: Local procurement due diligence			
LPRM-401: Due diligence processes	The reporting organisation shall report the supplier due diligence processes used at the mine site to avoid purchasing from suppliers with problematic behaviour.	Policy Frameworks	41
LPRM-402: Anti-corruption policy	The reporting organisation shall report the existence and location of any anti-corruption policy it has and / or any policies that are intended to prevent corruption in their procurement processes and in their suppliers.	Human and Indigenous Rights	50

LPRM Index

LPRM disclosure #	Description	Cross-reference	Page number
LPRM-400: Local procurement due diligence			
LPRM-403: Training and guidance for suppliers	The reporting organisation shall report information and training provided to suppliers on best practices related to due diligence processes.	Procurement and Supply Chain	126
LPRM-500: Methods to incentivise local procurement			
LPRM 501: Commitments	The reporting organization should provide the time-bound commitments that the mine site has made to increase local procurement.	Human and Indigenous Rights	50
LPRM 502: Preference in scoring of bids	The reporting organization should, in as much detail as possible, explain if and how the scoring of bids provides preference for local suppliers.	Procurement and Supply Chain	126
LPRM 503: Preference in scoring of bids for significant local contributors	The reporting organization should describe if additional scoring preference is given to suppliers that demonstrate significant local suppliers.		
LPRM 504: Non scoring methods to incentivize local purchasing	The reporting organization should explain non scoring methods that are used at the mine site to be inclusive of local suppliers.		
LPRM 505: Supporting suppliers to understand the tender process	The reporting organisation should describe activities or support that the mine site provides to local suppliers navigating the tendering and prequalification processes.		
LPRM 506: Special payment procedures for local suppliers	The reporting organisation should describe special payment procedures that the mine site uses to assist local suppliers.		
LPRM-600: External commitments and regulations			
LPRM-601: Regulations	The reporting organization should detail regulations for local procurement or procurement from specific types of local suppliers, or any specific contract provision between the mine and the host country government.	Procurement and Supply Chain	126
LPRM-602: Other agreements and contracts	The reporting organization should detail a memorandum of understanding, IBA or other types of community agreements that the mine site is subject to from specific local stakeholder groups, and that require action towards procurement from specific types of host country suppliers.	Human and Indigenous Rights	50

Appendix 3.

United Nations Global Compact Index

Here, we present the United Nations Global Compact (UNGC) Index, which highlights our commitment to the principles of the UNGC. These principles encompass a range of areas, from human rights and labour to the environment and anti-corruption efforts. The following list of the ten UNGC principles, each accompanied by a description, provides a cross-reference to each principle's location in this report and the corresponding page number.

United Nations Global Compact Index

Principle	Description	Cross-reference	Page number
Human Rights			
1.	Businesses should support and respect the protection of internationally proclaimed human rights.	Human and Indigenous Rights	50
2.	Businesses should make sure that they are not complicit in human rights abuses.		
Labor Relations			
3.	Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	Policy Frameworks Human and Indigenous Rights	50, 126, 136
4.	Businesses should uphold the elimination of all forms of forced and compulsory labour.		
5.	Businesses should uphold the effective abolition of child labour.		
6.	Businesses should uphold the elimination of discrimination in respect of employment and occupation.		
Environment			
7.	Businesses should support a precautionary approach to environmental challenges.	Environmental Management Warintza Verde	70, 76, 78, 80, 112
8.	Businesses should undertake initiatives to promote greater environmental responsibility.		
9.	Businesses should encourage the development and diffusion of environmentally friendly technologies.		
Anti-corruption			
10.	Businesses should work against corruption in all its forms, including extortion and bribery.	Anti-Corruption	52

Appendix 4.

United Nations Sustainable Development Goals

Here, we provide the United Nations Sustainable Development Goals (SDG) Disclosure Index. This index outlines the corresponding SDGs and their cross-reference to their location in this report, and the corresponding page number.

Appendix 4. United Nations Sustainable Development Goals

SDG	Page number
SDG 4	100, 104
SDG 5	89, 152
SDG 6	70, 76
SDG 7	70
SDG 8	126, 136
SDG 10	112
SDG 12	70
SDG 13	70, 80
SDG 14	70, 76
SDG 15	70, 78, 112
SDG 16	41, 52
SDG 17	55

Appendix 5.

Metrics

Here we provide our Metrics, and any cross-references in other appendices to "Metrics" can be located in this section.

Appendix 5. Metrics

Indicator	Unit	2022	2021
Employees			
Number of operations	Number	1	1
Total workforce	Number	823	1027
Total employees	Number	505	503
Total contractors	Number	318	524
Total rotative employees	Number	460	460
Total full-time employees	Number	45	43
Active workforce covered under collective bargaining agreement	%	0	0
Local employees	%	89	89
Local contractors	%	61	51
Employee turnover rate	%	3	6
Employee turnover rate – male	%	1	5
Employee turnover rate – female	%	2	1
Employee turnover rate – Amazon	%	2	6
Employee turnover rate – Rest of Ecuador	%	1	1
Total duration of strikes/ lockouts	Number	0	0
Total workforce hours worked	Number	1,709,535	1,350,855
Total employees hired	Number	64	243
New employees hired – male	%	11	52
New employees hired – female	%	4	10
New employees hired - Amazon	%	13	51
New employees hired - Rest of Ecuador	%	3	11
Total employee departures	Number	66	24
Employee departures - male	%	12	5
Employee departures – female	%	17	1
Employee departures – Amazon	%	24	6
Employee departures - Rest of Ecuador	%	6	1

Appendix 5. Metrics

Indicator	Unit	2022	2021
Diversity and Inclusion			
Human Rights			
Human rights related controversies	Number	0	1
Gender Diversity			
Total full-time employees – female	Number	11	12
Total rotative employees – female	Number	77	72
Total Executive Management – female	Number	3	3
Total Board of Directors – female	Number	1	0
Discrimination policy	Y/N	Y	Y
Total incidents of discrimination	Number	8	1
Female to total employees	%	17	17
Executive Management – female	%	33	33
Board of Directors – female	%	20	0
Diversity in management (global diversity index)	%	33	33
Amazonia Region Employees			
Total employees – Amazonia region	Number	449	448
Total employee – Warints	Number	124	125
Employees Warints – male	%	81	82
Employees Warints – female	%	19	18
Total employees – Yawi	Number	62	68
Employees Yawi – male	%	76	81
Employees Yawi – female	%	24	19
Percentage of Employees with Professional Certifications¹			
Employees professional – male	%	75	69
Employees professional – female	%	25	31
Employees nonprofessional – male	%	83	84
Employees nonprofessional – female	%	17	16
Ratio of basic salary and remuneration of women to men	%	0	0
Ratio of standard entry-level wage by gender compared to local minimum wage	Ratio	1:1	1:1
Country minimum wage (monthly)	US\$	425	400
Annual compensation ratio	%	18	32

¹Professional is defined as having obtained a third level degree endorsed by the ministry of education or higher.

Appendix 5. Metrics

Indicator	Unit	2022	2021
Health and Safety			
Global lost time incident rate	Number	90	32
Global recordable incident rate	%	25	0.1
Total emergency response teams	Number	4	4
Total work-related fatalities - employees	Number	1	0
Total work-related fatalities - contractors	Number	0	0
Total work-related fatalities - workforce	Number	1	0
Total hours of health, safety, and emergency response training	Number	4,417	10,408
Rate of high-consequence work-related injuries x 1 million hours x 200,000 hours	%	14.04	0.6
Total employees covered by health and safety	Number	318	524
Employees covered by health and safety system	%	100	100
Total hours of employee training	Number	337	460
Average hours training monthly	Number	28	38
Number of complaints received	Number	8	1
Complaints Resolved before the End of the Year	Number	8	1
Absenteeism Rate (# total days lost due to unexcused absence / total attendance days x 100% = % of Absenteeism)	%	6	6

Appendix 5. Metrics

Indicator	Unit	2022	2021
Economic Value Distributed			
Community Development			
Infrastructure	US\$	730,102	1,210,616
Scholarships	US\$	152,321	54,375
In-kind donations	US\$	105,930	154,491
Training and capacity building	US\$	53,599	26,875
Direct purchases from community service providers	US\$	1,227,125	884,529
Agreements	US\$	967,812	613,766
Total Community Payments	US\$	3,236,889	2,944,652
Employees			
Total investment - Full time employees	US\$	1,623,557	1,368,261
Total investment - Rotative employees	US\$	3,721,179	2,909,452
Total investment - Interns	US\$	3,245	5,542
Total Investment - Total Employee Wages and Benefits	US\$	5,347,981	4,283,255
Ecuador government			
Total investment - Mining patent	US\$	292,885	267,770
Total investment - Capital outflow tax	US\$	148,793	115,303
Total investment - Government Contributions	US\$	63,524	367,467
Total investment - Non-recoverable taxes	US\$	22,083	40,088
Total investment - Social Quotas	US\$	40,219	38,083
Total investment - Property Taxes	US\$	150,803	68,127
Total investment - Other	US\$	43,643	56,264
Total Government Payments	US\$	761,950	953,102

Appendix 5. Metrics

Indicator	Unit	2022	2021
Local Procurement			
Suppliers/ Local Procurement			
Scope of boundary procurement spending ring system based on the following definition of local:			
Ring 1 Communities Warints and Yawi, Canton Morona, Canton Limon			
Ring 2 Rest of Amazonia			
Ring 3 Rest of Ecuador			
Ring 4 International			
Total suppliers	Number	449	361
Total Procurement Spending	US\$	41,561,641	42,391,143
Goods	US\$	3,950,478	4,812,639
Services	US\$	37,611,163	37,578,504
Total Procurement Spending (Ring 1 to Ring 4)	US\$	41,561,641	42,391,143
Ring 1	US\$	21,590,867	4,332,195
Ring 2	US\$	170,947	167,040
Ring 3	US\$	15,843,745	34,510,440
Ring 4	US\$	3,956,082	3,381,468

Appendix 5. Metrics

Indicator	Unit	2022	2021
Environmental Responsibility			
Greenhouse Gases^{2,3}			
Location: Offices in Quito, Limón, Indanza and Macas; core shack warehouse in Quito; Warehouse in Quito; Exploration camps: Plunts, Oso, Entza, Warintza Sur, Trinche; Warints and Yawi community camps located all in the province of Morona Santiago.			
Scope 1 emissions (direct)	t CO2e	1,911.43	2,546.93
Scope 2 emissions (indirect)	t CO2e	17.02	9.92
Scope 3 emissions (indirect)	t CO2e	394.02	676.81
Total GHG emissions	t CO2e	2,322.47	3,233.66
Waste^{4,5}			
Total waste disposed of (landfill, treatment, and incineration)	Metric ton	270	191
Total waste - hazardous	Metric tons	140	103
Total waste - nonhazardous	Metric tons	130	88
Water^{6,7}			
Total water withdrawn	Megaliters	83	158
Total water discharged	Megaliters	52	91
Water discharged	%	62	58
Total water consumed	Megaliters	32	67
Total significant spills	Number	0	1
Biodiversity			
Total IUCN Red List species and national conservation list species with habitats in areas affected by the operations of the organization	Number	713	289
Total critically endangered	Number	0	1
Total endangered	Number	6	0
Total vulnerable	Number	25	7
Total near threatened	Number	20	58
Total least concern	Number	662	223

2. The verification used the requirements of the NTE INEN-ISO 14064-1 standards, the GHG Protocol and the guidelines for the Ecuador Zero Carbon Program (PECC) MAATE-2021-047 Organizational Technical Standard; evaluated before NTE INEN-ISO 14064-3.

3. Considering the level of reasonable assurance, a materiality less than or equal to 5%, the objective of the inventory, the report, the data records, the process and the procedures verified, there is evidence that the GHG emissions reported by the organization, responsible party and / or client called LOWELL MINERAL EXPLORATION ECUADOR S.A., dated January 1, 2021 to December 31, 2021 is substantially correct and is a faithful representation of GHG information and data, which is prepared in accordance with the standard(s): NTE INEN-ISO 14064-1:2018, the standards of the Greenhouse Gas Protocol (GHG PROTOCOL), and in compliance with the requirements of the Ecuador Zero Carbon Program MAATE-2021-047 for the quantification of emissions, according to the GHG report of the 2021 inventory period.

4. All waste produced in accordance with Solaris' Environmental Management Plan has been considered for drilling platforms and camps.

5. All hazardous waste produced in the Project is collected by the company and delivered to a management company that is approved by the regulatory legal entity for its proper disposal.

6. Approximate real value due to incomplete exact weight measurements.

7. The percentage of recirculated water is the amount of water that is reused and recirculated in drilling.

8. The total water consumption has been considered as the amount of water used for the operation of drilling machines.