

2023

Comprehensive Analysis of Environmental, Social, and Governance Metrics

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Please note that Solaris's 2023 Sustainability Report incorporates the United Nations Sustainable Development Goals and the United Nations Global Compact Principles. These are outlined in our table on Sustainability Priority Topics, alongside the corresponding material topics.

Prepared By

SOLARIS
RESOURCES

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GRI 403-2	Hazard identification, risk assessment, and incident investigation	Health and Safety	D	Health and Safety	72
GRI 403-3	Occupational health services	Health and Safety	D	Health and Safety	72
GRI 403-4	Worker participation, consultation, and communication on occupational health and safety	Health and Safety	D	Health and Safety	72
GRI 403-5	Worker training on occupational health and safety	Health and Safety	D	Health and Safety	72
GRI 403-6	Promotion of worker health	Health and Safety	D	Health and Safety	72
GRI 403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Health and Safety	D	Health and Safety	72
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GRI 405-1	Diversity of governance bodies and employees	Diversity, Equity, and Inclusion	D	Diversity, Equity, and Inclusion	78
GRI 405-2	Ratio of basic salary and remuneration of women to men	Diversity, Equity, and Inclusion	D	Diversity, Equity, and Inclusion	78
GRI 406-1	Incidents of discrimination and corrective actions taken	Diversity, Equity, and Inclusion	D	Diversity, Equity, and Inclusion	78
GRI 411-1	Incidents of violations involving rights of Indigenous Peoples	Indigenous Rights	D, I	Indigenous Rights	75
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Co-Development					
Indicator No.	Description	Material Topic	Value Chain Impact	Report Directory/ Direct Response	Direct Response (Page No.)
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LPRM 202	Accountability on local suppliers	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 203	Major contractors and local suppliers	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 204 A	Procurement contacts	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 204 B	Supplier procurement database	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 204 C	Procurement requirements and prequalification	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 204 D	Supplier development	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 301	Categorizing suppliers	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 302	Breakdown of procurement spend	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 401	Due diligence processes	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 403	Training and guidance for suppliers	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 501	Commitments	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 502	Preference in scoring of bids	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 503	Preference in scoring of bids for significant local contributions	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 504	Non-scoring methods to incentivize local purchasing	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 505	Supporting suppliers to understand the tender process	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 506	Special payment procedures for local suppliers	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 601	Regulations	Suppliers and Procurement	D, I	Suppliers and Procurement	82
LPRM 602	Other agreements and contracts	Suppliers and Procurement	D, I	Suppliers and Procurement	82
SDG 4	Quality education	Community Development	D, I	Community Development	47
SDG 5	Gender equality	Community Development	D, I	Community Development	47

Co-Development					
Indicator No.	Description	Material Topic	Value Chain Impact	Report Directory/ Direct Response	Direct Response (Page No.)
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SDG 7	Affordable and clean energy	Community Development	D, I	Community Development	47
SDG 8	Decent work and economic growth	Community Development	D, I	Community Development	47
UNGC 1	Businesses should support and respect the protection of internationally proclaimed human rights	Human Rights	D, I	Human Rights	74
UNGC 2	Businesses should make sure that they are not complicit in human rights abuses	Human Rights	D, I	Human Rights	74
UNGC 3	Business should uphold the freedom of association and the effective recognition of the right to collective bargaining	Labour Relations	D, I	Labour Relations	66
UNGC 4	Businesses should uphold the elimination of all forms of forced and compulsory labour	Labour Relations	D, I	Labour Relations	66
UNGC 5	Businesses should uphold the effective abolition of child labour	Labour Relations	D, I	Labour Relations	66
UNGC 6	Businesses should uphold the elimination of discrimination in respect of employment and occupation	Labour Relations	D, I	Labour Relations	66, 98, 99
EM-MM-000.B	Total number of employees, percentage contractors	Employment	D, I	Employment	68
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EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	Community Engagement	D, I	Community Engagement	44
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Environmental Stewardship					
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GRI 302-1	Energy consumption within the organization	Climate Change	D, I	Climate Change	94
GRI 303-1	Interactions with water as a shared resource	Water	D	Water	98
GRI 303-2	Management of water discharge-related impacts	Water	D	Water	98
GRI 303-3	Water withdrawal	Water	D	Water	98
GRI 303-4	Water discharge	Water	D	Water	98
GRI 303-5	Water consumption	Water	D	Water	98
GRI 304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Biodiversity	D	Biodiversity	96
GRI 304-2	Significant impacts of activities, products, and services on biodiversity	Biodiversity	D	Biodiversity	96
GRI 304-3	Habitats protected or restored	Biodiversity	D	Biodiversity	96
GRI 304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Biodiversity	D	Biodiversity	96
GRI 305-1	Direct (Scope 1) GHG emissions	Climate Change	D, I	Climate Change	94
GRI 305-2	Energy indirect (Scope 2) GHG emissions	Climate Change	D, I	Climate Change	94
GRI 305-3	Other indirect (Scope 3) GHG emissions	Climate Change	D, I	Climate Change	94
GRI 305-5	Reduction of GHG emissions	Climate Change	D, I	Climate Change	94
GRI 305-6	Emissions of ozone-depleting substances (ODS)	Environmental Stewardship	D, I	Environmental Management System	90
GRI 305-7	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	Environmental Stewardship	D, I	Environmental Management System	90
GRI 306-1	Waste generation and significant waste-related impacts	Waste	D	Waste	99
GRI 306-2	Management of significant waste-related impacts	Waste	D	Waste	99
GRI 306-3	Waste generated	Waste	D	Waste	99
GRI 306-4	Waste diverted from disposal	Waste	D	Waste	99
GRI 306-5	Waste directed to disposal	Waste	D	Waste	99
SDG 10	Reduced inequality	Environmental Stewardship	D, I	Environmental Management System	90
SDG 12	Responsible consumption and production	Environmental Stewardship	D, I	Environmental Management System	90
SDG 13	Climate action	Environmental Stewardship	D, I	Environmental Management System	90, 94
SDG 14	Life below water	Environmental Stewardship	D, I	Environmental Management System	90, 98, 99

Environmental Stewardship					
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UNGC 8	Businesses should undertake initiatives to promote greater environmental responsibility	Environmental Stewardship	D, I	Environmental Management System	90, 94, 96, 98, 99
UNGC 9	Businesses should encourage the development and diffusion of environmentally friendly technologies	Environmental Stewardship	D, I	Environmental Management System	90, 94
EM-MM-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Climate Change	D, I	Climate Change	94
EM-MM-110a.2	Discussion of long-term and short-term strategies or plans to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets. This has alignment with TCFD	Climate Change	D, I	Climate Change	94
EM-MM-130a.1	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	Climate Change	D, I	Climate Change	94
EM-MM-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with high or extremely high baseline water stress	Water	D	Water	98
EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Water	D	Water	98
EM-MM-150a.10	Description of waste and hazardous materials management policies and procedures for active and inactive operations	Waste	D	Waste	99
EM-MM-150a.7	Total weight of hazardous waste generated	Waste	D	Waste	99
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Local Procurement Reporting Mechanism (LPRM)

Code	Description	Direct Response
LPRM 101	Mining company name; Mine site name; Average number of workers on the mine site at once during the reporting period; Reporting period; Stage of the asset, including any significant expansion; development under way;	Introduction, About Warintza, Responsible Governance Systems
LPRM 201	Policy on local suppliers	Suppliers and Procurement
LPRM 202	Accountability on local suppliers	Suppliers and Procurement
LPRM 203	Major contractors and local suppliers	Suppliers and Procurement
LPRM 204 A	Procurement contacts	Suppliers and Procurement
LPRM 204 B	Supplier procurement database	Suppliers and Procurement
LPRM 204 C	Procurement requirements and prequalification	Suppliers and Procurement
LPRM 204 D	Supplier development	Suppliers and Procurement
LPRM 301	Categorizing suppliers	Suppliers and Procurement
LPRM 302	Breakdown of procurement spend	Suppliers and Procurement
LPRM 401	Due diligence processes	Suppliers and Procurement
LPRM 402	Anti corruption policy	Anti-Corruption and Anti-Bribery
LPRM 403	Training and guidance for suppliers	Suppliers and Procurement
LPRM 501	Commitments	Suppliers and Procurement
LPRM 502	Preference in scoring of bids	Suppliers and Procurement
LPRM 503	Preference in scoring of bids for significant local contributions	Suppliers and Procurement
LPRM 504	Non-scoring methods to incentivize local purchasing	Suppliers and Procurement
LPRM 505	Supporting suppliers to understand the tender process	Suppliers and Procurement
LPRM 506	Special payment procedures for local suppliers	Suppliers and Procurement
LPRM 601	Regulations	Suppliers and Procurement
LPRM 602	Other agreements and contracts	Suppliers and Procurement

Global Reporting Initiative (GRI)

GRI #	Disclosure Title	Direct Response
GRI 2: General Disclosures		
GRI 2-1	Organizational details	Introduction, About Warintza; Responsible Governance Systems
GRI 2-10	Nomination and selection of the highest governance body	Responsible Governance Systems
GRI 2-11	Chair of the highest governance body	Responsible Governance Systems
GRI 2-12	Role of the highest governance body in overseeing the management of impacts	Responsible Governance Systems
GRI 2-13	Delegation of responsibility for managing impacts	Responsible Governance Systems
GRI 2-14	Role of the highest governance body in sustainability reporting	Responsible Governance Systems
GRI 2-15	Conflicts of interest	Responsible Governance Systems
GRI 2-16	Communication of critical concerns	Responsible Governance Systems
GRI 2-17	Collective knowledge of the highest governance body	Responsible Governance Systems
GRI 2-18	Evaluation of the performance of the highest governance body	Responsible Governance Systems
GRI 2-19	Remuneration policies	Responsible Governance Systems
GRI 2-2	Entities included in the organization's sustainability reporting	Responsible Governance Systems
GRI 2-20	Process to determine remuneration	Responsible Governance Systems
GRI 2-21	Annual total compensation ratio	Responsible Governance Systems
GRI 2-22	Statement on sustainable development strategy	Responsible Governance Systems
GRI 2-23	Policy commitments	Ethics and Transparency
GRI 2-24	Embedding policy commitments	Ethics and Transparency
GRI 2-25	Processes to remediate negative impacts	Impact Management
GRI 2-26	Mechanisms for seeking advice and raising concerns	Ethics and Transparency
GRI 2-27	Compliance with laws and regulations	Compliance
GRI 2-28	Membership associations	Stakeholder Engagement
GRI 2-29	Approach to stakeholder engagement	Stakeholder Engagement
GRI 2-3	Reporting period, frequency, and contact point	Responsible Governance Systems
GRI 2-30	Collective bargaining agreements	Responsible Governance Systems
GRI 2-4	Restatements of information	Responsible Governance Systems
GRI 2-5	External assurance	Responsible Governance Systems
GRI 2-6	Activities, value chain, and other business relationships	Responsible Governance Systems
GRI 2-7	Employees	Employment
GRI 2-8	Workers who are not employees	Employment
GRI 2-9	Governance structure and composition	Responsible Governance Systems

GRI #	Disclosure Title	Direct Response
GRI 3: Material Topics 2021		
GRI 3-1	Process to determine material topics	Introduction, Sustainability Priority Topics
GRI 3-2	List of material topics	Introduction, Sustainability Priority Topics
GRI 3-3	Management of material topics	Introduction, Sustainability Priority Topics
GRI 201: Economic Performance 2016		
GRI 201-2	Financial implications and other risks and opportunities due to climate change	Climate Change
GRI 201-1	Direct economic value generated and distributed	Value Creation
GRI 203: Indirect Economic Impacts 2016		
GRI 203-1	Infrastructure investments and services supported	Value Creation
GRI 203-2	Significant indirect economic impacts	Value Creation
GRI 204-1	Proportion of spending on local suppliers	Suppliers and Procurement
GRI 205: Anti-corruption 2016		
GRI 205-1	Operations assessed for risks related to corruption	Anti-Corruption and Anti-Bribery
GRI 205-2	Communication and training about anti-corruption policies and procedures	Anti-Corruption and Anti-Bribery
GRI 205-3	Confirmed incidents of corruption and actions taken	Anti-Corruption and Anti-Bribery
GRI 302: Energy 2016		
GRI 302-1	Energy consumption within the organization	Climate Change
GRI 303: Water and Effluents 2018		
GRI 303-1	Interactions with water as a shared resource	Water
GRI 303-2	Management of water discharge-related impacts	Water
GRI 303-3	Water withdrawal	Water
GRI 303-4	Water discharge	Water
GRI 303-5	Water consumption	Water
GRI 304: Biodiversity 2016		
GRI 304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Biodiversity
GRI 304-2	Significant impacts of activities, products, and services on biodiversity	Biodiversity
GRI 304-3	Habitats protected or restored	Biodiversity
GRI 304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Biodiversity
GRI 305: Emissions 2016		
GRI 305-1	Direct (Scope 1) GHG emissions	Climate Change
GRI 305-2	Energy indirect (Scope 2) GHG emissions	Climate Change

GRI #	Disclosure Title	Direct Response
GRI 305-3	Other indirect (Scope 3) GHG emissions	Climate Change
GRI 305-5	Reduction of GHG emissions	Climate Change
GRI 305-6	Emissions of ozone-depleting substances (ODS)	Environmental Stewardship
GRI 305-7	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	Environmental Stewardship
GRI 306: Waste 2020		
GRI 306-1	Waste generation and significant waste-related impacts	Waste
GRI 306-2	Management of significant waste-related impacts	Waste
GRI 306-3	Waste generated	Waste
GRI 306-4	Waste diverted from disposal	Waste
GRI 306-5	Waste directed to disposal	Waste
GRI 401: Employment 2016		
GRI 401-1	New employee hires and employee turnover	Employment
GRI 401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Employment
GRI 403: Occupational Health and Safety 2018		
GRI 403-1	Occupational health and safety management system	Health and Safety
GRI 403-10	Work-related ill health	Health and Safety
GRI 403-2	Hazard identification, risk assessment, and incident investigation	Health and Safety
GRI 403-3	Occupational health services	Health and Safety
GRI 403-4	Worker participation, consultation, and communication on occupational health and safety	Health and Safety
GRI 403-5	Worker training on occupational health and safety	Health and Safety
GRI 403-6	Promotion of worker health	Health and Safety
GRI 403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Health and Safety
GRI 403-8	Workers covered by an occupational health and safety management system	Health and Safety
GRI 403-9	Work-related injuries	Health and Safety
GRI 405: Diversity and Equal Opportunity 2016		
GRI 405-1	Diversity of governance bodies and employees	Diversity, Equity, and Inclusion
GRI 405-2	Ratio of basic salary and remuneration of women to men	Diversity, Equity, and Inclusion
GRI 406: Non-discrimination 2016		
GRI 406-1	Incidents of discrimination and corrective actions taken	Diversity, Equity, and Inclusion
GRI 411: Rights of Indigenous Peoples 2016		
GRI 411-1	Incidents of violations involving rights of Indigenous Peoples	Indigenous Rights
GRI 413: Local Communities 2016		
GRI 413-1	Operations with local community engagement, impact assessments, and development programs	Community Development
GRI 413-2	Operations with significant actual and potential negative impacts on local communities	Community Development

Sustainability Accounting Standards Board (SASB)

Code	Description	Direct Response
EM-MM-000.B	Total number of employees, percentage contractors	Employment
Greenhouse Gas Emissions		
EM-MM-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Climate Change
EM-MM-110a.2	Discussion of long-term and short-term strategies or plans to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets. This has alignment with TCFD	Climate Change
Energy Management		
EM-MM-130a.1	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	Climate Change
Water Management		
EM-MM-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with high or extremely high baseline water stress	Water
EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards and regulations	Water
Waste and Hazardous Materials Management		
EM-MM-150a.10	Description of waste and hazardous materials management policies and procedures for active and inactive operations	Waste
EM-MM-150a.7	Total weight of hazardous waste generated	Waste
EM-MM-150a.8	Total weight of hazardous waste recycled	Waste
EM-MM-150a.9	Number of significant incidents associated with hazardous materials and waste management	Waste
Biodiversity Impacts		
EM-MM-160a.1	Description of environmental management policies and practices for active sites	Environmental Management System
EM-MM-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	Biodiversity
Security, Human Rights, and Rights of Indigenous Peoples		
EM-MM-210a.1	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	Community Engagement
EM-MM-210a.2	Percentage of (1) proved and (2) probable reserves in or near Indigenous land	Indigenous Rights
EM-MM-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, Indigenous rights, and operation in areas of conflict	Community Engagement

Code	Description	Direct Response
Community Relations		
EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	Community Engagement
Labour Relations		
EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	NA
EM-MM-310a.2	Number and duration of strikes and lockouts	NA
Workforce Health and Safety		
EM-MM-320a.1	(1) MSHA all-incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR), and (4) average hours of health, safety, and emergency response training for (a) full-time employees and (b) contract employees	Health and Safety
Business Ethics and Transparency		
EM-MM-510a.1	Description of the management system for prevention of corruption and bribery throughout the value chain	Anti-Corruption and Anti-Bribery
EM-MM-510a.2	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	Anti-Corruption and Anti-Bribery

Metrics

Employment*

Indicator	Unit	2021	2022	2023
Number of operations	Number	1	1	1
Total workforce	Number	1027	823	658
Total employees	Number	503	505	385
Total contractors	Number	524	318	273
Total rotative employees	Number	460	460	341
Total full-time employees	Number	43	45	44
Active workforce covered under collective bargaining agreements	%	0	0	0
Local employees	%	89	89	88
Local contractors	%	51	61	63
Total employee departures	Number	36	66	220
Total employee departures - male	Number	28	51	185
Total employee departures - female	Number	8	15	35
Total employee departures - Amazon	Number	33	53	194
Total employee departures - rest of Ecuador	Number	3	13	26
Employee turnover rate [†]	%	2	2	8
Employee turnover rate - male	%	1	1	4
Employee turnover rate - female	%	1	1	3
Employee turnover rate - Amazon	%	2	2	7
Employee turnover rate - rest of Ecuador	%	0	0	1
Total duration of strikes/lockouts	Number	0	0	0
Total workforce hours worked	Number	1,350,855	1,709,535	1,090,348
Total employees hired	Number	334	64	100
Total employees hired - male	Number	279	46	26
Total employees hired - female	Number	55	18	74
Total employees hired - Amazon	Number	291	53	82
Total employees hired - rest of Ecuador	Number	43	11	18
New employees hired rate	%	9	1	2
New employees hired - male rate	%	8	1	2
New employees hired - female rate	%	1	0	1
New employees hired - Amazon rate	%	8	1	2
New employees hired - rest of Ecuador rate	%	1	0	0

* Employees on payroll at the end of each year (December 31, 2023).

† Employee turnover is calculated by dividing the number of employees who leave the Company over a specific period by the total average of employees during that period. It includes both voluntary departures (resignations) and involuntary departures (terminations).

Diversity and Inclusion

Indicator	Unit	2021	2022	2023
Human Rights				
Human rights related controversies	Number	1	0	1
Gender Diversity				
Total full time employees - female	Number	12	11	11
Total rotative employees - female	Number	72	77	68
Total Executive Management - female	Number	3	3	3
Total Board of Directors - female	Number	0	1	1
Discrimination policy	Yes/No	Y	Y	Y
Total incidents of discrimination	Number	1	8	12
Female to total employees	%	17	17	17
Executive Management - female	%	33	33	33
Board of Directors - female	%	0	20	20
Diversity in management (global diversity index)	%	33	33	33
Amazonia Region Employees				
Total employees - Amazonia region	Number	448	449	337
Total employee - Warints	Number	125	124	116
Employees Warints - male	%	82	81	78
Employees Warints - female	%	18	19	22
Total employees - Yawi	Number	68	62	58
Employees Yawi - male	%	81	76	76
Employees Yawi - female	%	19	24	24
Employees professional - male	%	69	75	72
Employees professional - female	%	31	25	28
Employees nonprofessional - male	%	84	83	80
Employees nonprofessional - female	%	16	17	20
Ratio of basic salary and remuneration of women to men	%	0	0	0
Ratio of standard entry-level wage by gender compared to local minimum wage	Ratio	1:1	1:1	1:1
Country minimum wage (monthly)	US\$	400	425	450
Annual compensation ratio	%	32	18	17

Health and Safety

Indicator	Unit	2023	2022	2021
Global lost time incident rate	Number	0	90	32
Global recordable incident rate	%	0	25	0
Total emergency response teams	Number	4	4	4
Total work-related fatalities - employees	Number	0	1	0
Total work-related fatalities - contractors	Number	0	0	0
Total work-related fatalities - workforce	Number	0	1	0
Total hours of health, safety, and emergency response training	Number	1,952	4,417	10,408
Rate of high-consequence work-related injuries x 1 million hours x 200,000 hours	%	0	14	1
Total employees covered by health and safety	Number	658	318	524
Employees covered by health and safety system	%	100	100	100
Total hours of employee training	Number	8,355	337	460
Average hours training monthly	Number	696	28	38
Number of complaints received	Number	12	8	1
Complaints resolved before the end of the year	Number	12	8	1
Absenteeism rate*	%	3	6	6

* # total days lost due to unexcused absence / total attendance days x 100% = % of Absenteeism

Environment

Indicator	Unit	2023	2022	2021
Water				
Total water withdrawn	Millions of litres	69	83	158
Total water discharged	Millions of litres	41	52	91
Water discharged	%	59	62	58
Total water consumed	Millions of litres	29	32	67
Wastes				
Total significant spills	Metric tons	0	0	1
Total waste - hazardous	Metric tons	63	140	103
Total waste - nonhazardous	Metric tons	73	130	88
Total waste disposed of (landfill, treatment, and incineration)	Metric tons	136	270	191
Species Types				
Critically endangered	Number	0	0	1
Endangered	Number	5	6	0
Vulnerable	Number	4	25	7
Near threatened	Number	9	20	58
Least concern	Number	276	662	223
GHG Emissions				
Scope 1 emissions (direct)	Tonnes of CO ₂	577.88	1,395.69	2,042.90
Scope 2 emissions (indirect)	Tonnes of CO ₂	5.77	6.29	1.54
Scope 3 emissions (indirect)	Tonnes of CO ₂	871.72	955.74	959.56
Total	Tonnes of CO ₂	1,455.37	2,357.72	3,004.00

Economic Value Distributed*

Indicator	Unit	2021	2022	2023
Community Development				
Infrastructure	US\$	\$1,210,616	\$730,102	\$1,290,187
Scholarships	US\$	\$54,375	\$152,321	\$192,759
In-kind donations	US\$	\$154,491	\$105,930	\$737,710
Training and capacity building	US\$	\$26,875	\$53,599	\$69,659
Other (community related) [†]	US\$	\$884,529	\$1,227,125	\$24,863
Agreements	US\$	\$613,766	\$967,812	\$1,100,627
Direct purchases from community providers [‡]	US\$			\$443,233
Total community payments	US\$	\$2,944,652	\$3,236,889	\$3,859,038
Employees				
Total investment - full time employees	US\$	\$1,368,261	\$1,623,557	\$1,762,582
Total investment - rotative employees	US\$	\$2,909,452	\$3,721,179	\$2,279,983
Total investment - interns	US\$	\$5,542	\$3,245	\$2,924
Total investment - total employee wages and benefits	US\$	\$4,283,255	\$5,347,981	\$4,045,489
Ecuador Government				
Total investment - mining patent	US\$	\$267,770	\$292,885	\$321,946
Total investment - capital outflow tax	US\$	\$115,303	\$148,793	\$9,792
Total investment - government contributions	US\$	\$367,467	\$63,524	\$105,274
Total investment - non-recoverable taxes	US\$	\$40,088	\$22,083	\$18,584
Total investment - social quotas	US\$	\$38,083	\$33,219	\$8,519
Total investment - property taxes	US\$	\$68,127	\$150,803	\$246,103
Total investment - other	US\$	\$56,264	\$43,643	\$6,782
Total investment - administrative permits [§]	US\$			\$1,537,190
Total government payments	US\$	\$953,102	\$754,950	\$2,254,190

* Cumulative financial data is presented in US dollars. In 2021 and 2022, BIT&T Auditores y Consultores Cia. Ltda. conducted the compilation. For 2023, Robalino-CPA Consultores performed the compilation. The latter consulting firm holds the ISO 27001:2013 Information Security Certification, which validates its risk management, control, and information protection procedures.

† As of December 31, 2023, the breakdown of the "Other" classification is as follows:

Artisanal Mining: 19,139, Community Relations Services: 5,725.

‡ Due to the significant volume of purchases from community suppliers, a new classification has been added to the community investment table for 2023. This report also incorporates a more rigorous review process, which led to the refinement of the categories. Previously, direct purchases from community suppliers were included under the 'Other' category, alongside other community-related expenditures.

§ The 2023 financial report includes a new category, "administrative permits," which covers payments for obtaining permits specifically related to advanced exploration activities. This category was not included in previous reports. As of December 31, 2023, the Company holds nine mining concessions: three in the advanced exploration stage and six in the initial exploration stage.

Indicator	Unit	2021	2022	2023
Local Procurement[¶]				
Total suppliers	Number	361	449	599
Total procurement spending	US\$	\$42,391,143	\$41,561,641	\$23,747,338
Goods	US\$	\$4,812,639	\$3,950,478	\$2,012,924
Services	US\$	\$37,578,504	\$37,611,163	\$21,734,414
Total procurement spending (Ring 1 to Ring 4)	US\$	\$42,391,143	\$41,561,641	\$23,747,338
Ring 1	US\$	\$4,332,195	\$21,590,867	\$12,708,758
Ring 2	US\$	\$167,040	\$170,947	\$46,711
Ring 3	US\$	\$34,510,440	\$15,843,745	\$10,393,747
Ring 4	US\$	\$3,381,468	\$3,956,082	\$598,122

¶ Scope of boundary procurement spending ring system based on the following definition of local:

Ring 1 Warints, Yawi, Morona Canton, Limón Indanza Canton, Santiago de Mendez Canton

Ring 2 Rest of the Amazonia Region

Ring 3 Rest of Ecuador

Ring 4 International