



Sustainability
Report

20
23

Disclaimer:

"This report contains "forward-looking information" or "forward-looking statements" within the meaning of Canadian and U.S. securities legislation. All statements included herein, other than statements of historical fact, including without limitation statements relating to: the Company's targeted production in 2024 and 2026, the Company's planned investments, benefits of contract mining partners and the Company's plans related thereto, the plant expansion at Segovia Operations and the details, costs and timing thereof, the Marmato Lower Mine expansions and the details, costs and timing thereof and the Company's goals, objectives and targets with respect to sustainability matters and the details and timing thereof. Generally, the forward-looking information and forward-looking statements can be identified by the use of forward-looking terminology such as "become", "believe", "estimate", "expect", "forward", "intend", "plan", "potential" or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, "occur" or "be achieved". Forward looking information and forward looking statements, while based on management's best estimates and assumptions, are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Aris Mining to be materially different from those expressed or implied by such forward-looking information or forward looking statements, including the factors discussed in the section entitled "Risk Factors" in Aris Mining's most recent Annual information Form and Management's Discussion and Analysis available on SEDAR+ at www.sedarplus.ca and in the Company's filings with the U.S. Securities and Exchange Commission at www.sec.gov.

The forward-looking statements and forward-looking information are made as of the date hereof and Aris Mining disclaims any obligation to update any such factors or to publicly announce the result of any revisions to any of the forward-looking statements or forward-looking information contained herein to reflect future results. Accordingly, readers should not place undue reliance on forward-looking statements and information.

This report contains information that may constitute future-oriented financial information or financial outlook information (collectively, "FOFI") about the Company's prospective financial performance, financial position or cash flows, all of which is subject to the same assumptions, risk factors, limitations and qualifications as set forth above. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise or inaccurate and, as such, undue reliance should not be placed on FOFI. The Company's actual results, performance and achievements could differ materially from those expressed in, or implied by, FOFI. The Company has included FOFI in order to provide readers with a more complete perspective on the Company's future operations and management's current expectations relating to the Company's future performance. Readers are cautioned that such information may not be appropriate for other purposes. FOFI contained herein was made as of the date of this report. Unless required by applicable laws, the Company does not undertake any obligation to publicly update or revise any FOFI statements, whether as a result of new information, future events or otherwise."



About this report

This is Aris Mining's second annual Sustainability report and the first consolidated report for the Company's two operating mines: the Segovia Operations and the Marmato Mine.

This report has been prepared in accordance with the Sustainability Accounting Standards Board (SASB) for the metals and mining industry. SASB has been selected as the reporting framework as it allows for presenting comparable, consistent, and financial material environmental, social and corporate governance (ESG) disclosures for the industry.

Our Company is led by an experienced team with a track record of value creation, operational excellence, financial discipline and good corporate governance in the gold mining industry.

About Aris Mining

Aris Mining is a Canadian mining company listed on the TSX under the symbol "ARIS" and on the NYSE American under the symbol "ARMN"

Aris Mining was founded with a vision to create a gold mining company which blends current production and cashflow generation with growth from brownfield expansions, exploration and development projects. Aris Mining operates the Segovia Operations and Marmato Mine in Colombia, which together produced more than 226,000 ounces of gold in 2023.

In 2022, we merged GCM Mining and Aris Gold to create Aris Mining which maintains a well-established social license with solid community and government support in Colombia.

The Company is also the operator and owner of 51% of the Soto Norte project in Colombia; and owns 100% of both the Toroparu project in Guyana and the Jubu project in Ontario, Canada.

Aris Mining promotes the formalization of artisanal and informal miners, so they can operate legally, safely, and responsibly, while protecting their interests, the surrounding communities, and the environment.

Scope and structure of the report:

This report covers sustainability issues for the Marmato Mine and Segovia Operations. All financial data presented covers mines and projects owned and operated by Aris Mining during the year ended 2023.

References to "Aris Mining", the "Company", "we", "us" and "our" refer to Aris Mining Corporation. Financial amounts are reported in U.S. dollars (USD) unless otherwise indicated and an average exchange rate of 4,325 Colombian pesos to 1 USD was used to convert COP to USD.



Table of contents

Pag. 13

Our People

Pag. 14

QHS

Pag. 16

Our Environment

Pag. 20

Physical Security

Pag. 21

Communities

Letter from the CEO

In 2023, Aris Mining made significant strides in terms of Environmental, Social, and Governance (ESG) initiatives. We are fully committed to responsible gold mining operations, ensuring profitability goes hand-in-hand with environmental stewardship and positive relationships with our stakeholders.

Currently, we operate two mines, the Segovia Operations and Marmato Mine, which are on track to produce between 220,000 to 240,000 ounces in 2024. In our continued dedication in Colombia, what we spent in 2023 and will spend in 2024 and 2025 will amount to over \$300 million to expand our operations at both mines. Our goal is to reach production capacity of approximately 500,000 ounces per year in 2026. This ambitious expansion plan would not be feasible without the unwavering support of our local communities and miners, who have actively embraced these projects.

It is worth highlighting that currently over 40% of our current production stems from partnership models with formalized miners in our areas of operations. We have named these stakeholders "Contract Mining Partners" (CMP) and they are pivotal to our success in Colombia. When informal and small-scale miners partner with an industrial miner like Aris Mining, we develop a shared value initiative that not only generates profitability for both parties, but also presents a solution to the environmental and social complexities arising from informal and illegal mining that has historically presented in Colombia.

We believe that wherever gold can be extracted easily and economically, it will inevitably be extracted; and this extraction

may occur through legal or illegal means, and processing may be done in line with best practices or in ways exceptionally damaging to the environment. As responsible corporate citizens, it is our duty, in collaboration with the Colombian state, to establish the most effective responsible mining solutions for local miners. This involves prioritizing social investments that generate economic development and entrepreneurship for the communities in which we operate while operating with due care for the environment.

To date, we have helped formalize more than 3,000 miners, with plans to formalize an additional 500 to 1,000 miners in 2024. We firmly believe that these partnerships represent the future of mining in Colombia and the region. Not only do they create value for our stakeholders, including the Colombian government, but they also provide solutions to many of the environmental, social, and safety challenges associated with informal and illegal mining activities in Colombia's mining districts. Additionally, this partnership model is fully aligned with the government's public policy objectives and has significantly contributed to the strengthening of the social fabric and economic development in the regions in which we operate.

This year, we have simplified our report to provide a comprehensive view of our management approach to sustainability issues and outlining our objectives and initiatives for the coming years, and creating a foundation for accountability.

We will highlight the ESG milestones that we are proud to have met by 2023 and address the challenges we face in 2024 and beyond with well-defined action plans.

As we reflect on our achievements and look to the future, we remain dedicated to promoting transparency, consistency, and accountability in all aspects of our operations. We are confident that through continuous collaboration with our stakeholders, we will achieve our vision of solidifying our position as an environmentally and socially conscious mining company that generates value for all of our stakeholders, including our host countries.

We hope you enjoy this report.

Sincerely,

Neil Woodyer
CEO



In our continued dedication in Colombia, what we spent in 2023 and will spend in 2024 and 2025 will amount to over \$300 million to expand our operations at both mines.





2023 ESG (Environmental, Social and Governance) Highlights:



In 2023, we became a member of the United Nations Global Compact and endorsed the United Nations Women's Empowerment Principles.



We updated our materiality analysis in 2023 to cover both the Marmato Mine and the Segovia Operations.



We established a Management Sustainability Committee, reporting directly to the CEO and the Sustainability Committee of the Board, which has facilitated transparent decision-making and oversight of our sustainability initiatives.



Our participation in the SASB Standards and the Towards Sustainable Mining (TSM) protocols reflect our commitment to rigorous ESG performance standards¹.



We have created an \$11 million trust fund dedicated to the environmental rehabilitation of Marmato.



Our reforestation efforts have resulted in the restoration of 3.88 hectares of land, contributing to the preservation of biodiversity in our areas of operation.



We have invested \$10.2 million in social and environmental projects, highlighting our commitment to create shared value in the communities in which we operate. These investments prioritize education, socioeconomic development, infrastructure, environmental conservation, and gender equity and inclusion.



We have had a +75% reduction in Lost Time Injuries (LTI).



Our operations were not interrupted by social conflicts.



In 2023, Empresas Publicas de Medellin (EPM), the public utilities company, operating in the region, launched the Green Energy seal program with the aim of certifying a select group of companies operating with energy generated solely from renewable sources and resulting in net zero emissions. Throughout 2023, Aris Mining received 70,916 of these energy certificates for its Segovia operations. Read more about what this means for our Segovia Operations in page 20 of this report.

¹ The latest updates to the mining SASB (Sustainability Accounting Standards Board) index were issued by the International Sustainability Standards Board (ISSB) on June 26, 2023. These updates are part of the broader consolidation and enhancement of sustainability disclosure standards to improve their international applicability and alignment with the new IFRS Sustainability Disclosure Standards (IFRS S1 and IFRS S2) which are effective from January 1, 2024 (SASB).

2023 Operational Highlights:



We are implementing a processing plant upgrade at the Segovia Operations to expand our current processing capacity from 2,000 tonnes per day (tpd) to 3,000 tonnes per day (tpd). The expansion project is expected to be completed by early 2025.



2023 Revenues from gold sales: \$434.0 million⁴.



2023 EBITDA of \$112.1 million.



Cash and cash equivalents of \$194.6 million as of December 31, 2023.



The Segovia Operations and the Marmato Upper Mine, produced 226,151 ounces of gold in 2023. With expansion projects in progress, the Segovia Operations and Marmato Mine aim to achieve an annual run-rate production of approximately 500,000oz by the second half of 2026.



The Company and its subsidiaries have 16 employees at its corporate offices, approximately 3,405 employees in Colombia and approximately 64 employees in Guyana.

For more information about Aris Mining and our performance, please see our Annual Information Form for the year ended December 31, 2023 on our website at www.aris-mining.com

For more information about our vision and values, please click here:

<https://aris-mining.com/about-us/corporate-overview/>



² Refer to the PFS on the Marmato Lower Mine Project with an effective date of June 30, 2022 available on the Company's website at www.aris-mining.com, on SEDAR+ at www.sedarplus.ca and in the Company's filings with the SEC at www.sec.gov.

³ Average estimated gold production from the Marmato Upper and Lower mines following construction of the Lower Mine"

⁴ Earnings Before Interest, Taxes, Depreciation, and Amortization (EBITDA), adjusted net earnings and adjusted net earnings per share are non-IFRS financial measures in this document. These measures do not have any standardized meaning prescribed under IFRS, and therefore may not be comparable to other issuers. Refer to the MD&A for the years ended December 31, 2023 and 2022 for a reconciliation of these measures to the most directly comparable financial measure disclosed in the Company's financial statements.

⁵ Please refer to the following link to access our company's governance documents. <https://wp-arismining-2023.s3.ca-central-1.amazonaws.com/media/2024/01/Aris-Mining-Sustainability-Committee-Charter.pdf>

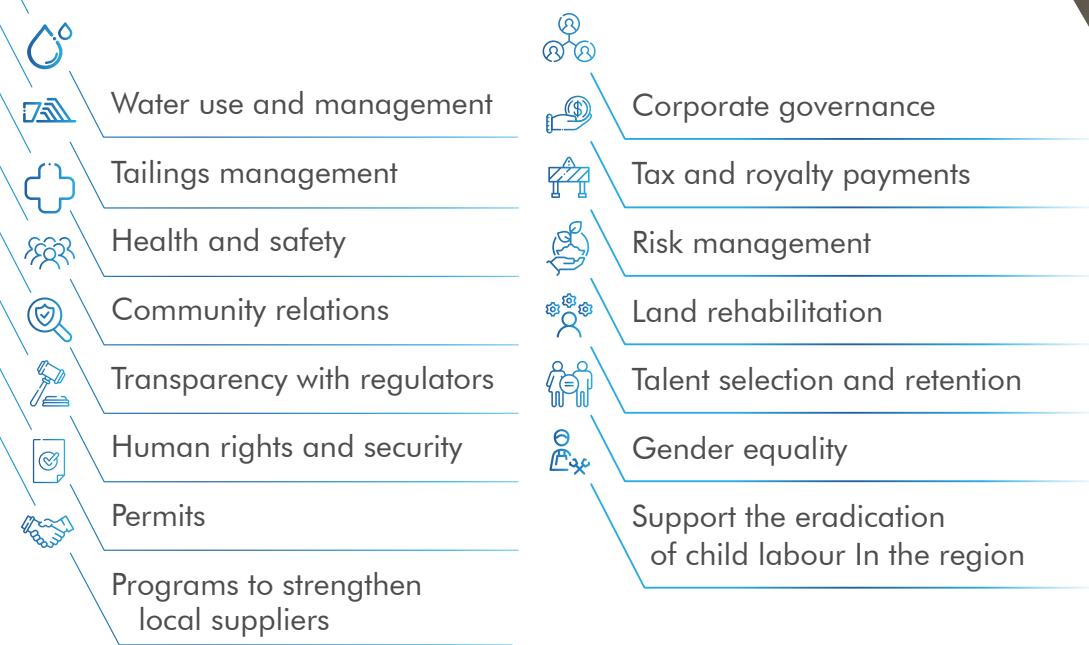
2023 Key Stakeholder Materiality Assessment

At Aris Mining, we focus on the issues of greatest importance to our stakeholders.

We engage in ongoing dialogue with our key stakeholders, being our employees, local communities, national, regional, and local governments, pensioners and labour unions, local miners, suppliers and contractors.

Using a Global Reporting Initiative (GRI) approach, we: 1. Held meetings with stakeholders to explain the context prior to administering 60 surveys. 2. Based on industry models and information collected from meetings, our grievance reporting mechanism and others, we presented our impacts to assess our stakeholder’s position and record any new issues raised. 3. We assessed the importance to Aris mining and Aris Mining’s stakeholders of the list of issues. 4. We rated the issues and came up with a final list of 15 issues that were material to both the Company and the set of 60 representative stakeholders interviewed.

The material issues identified were:



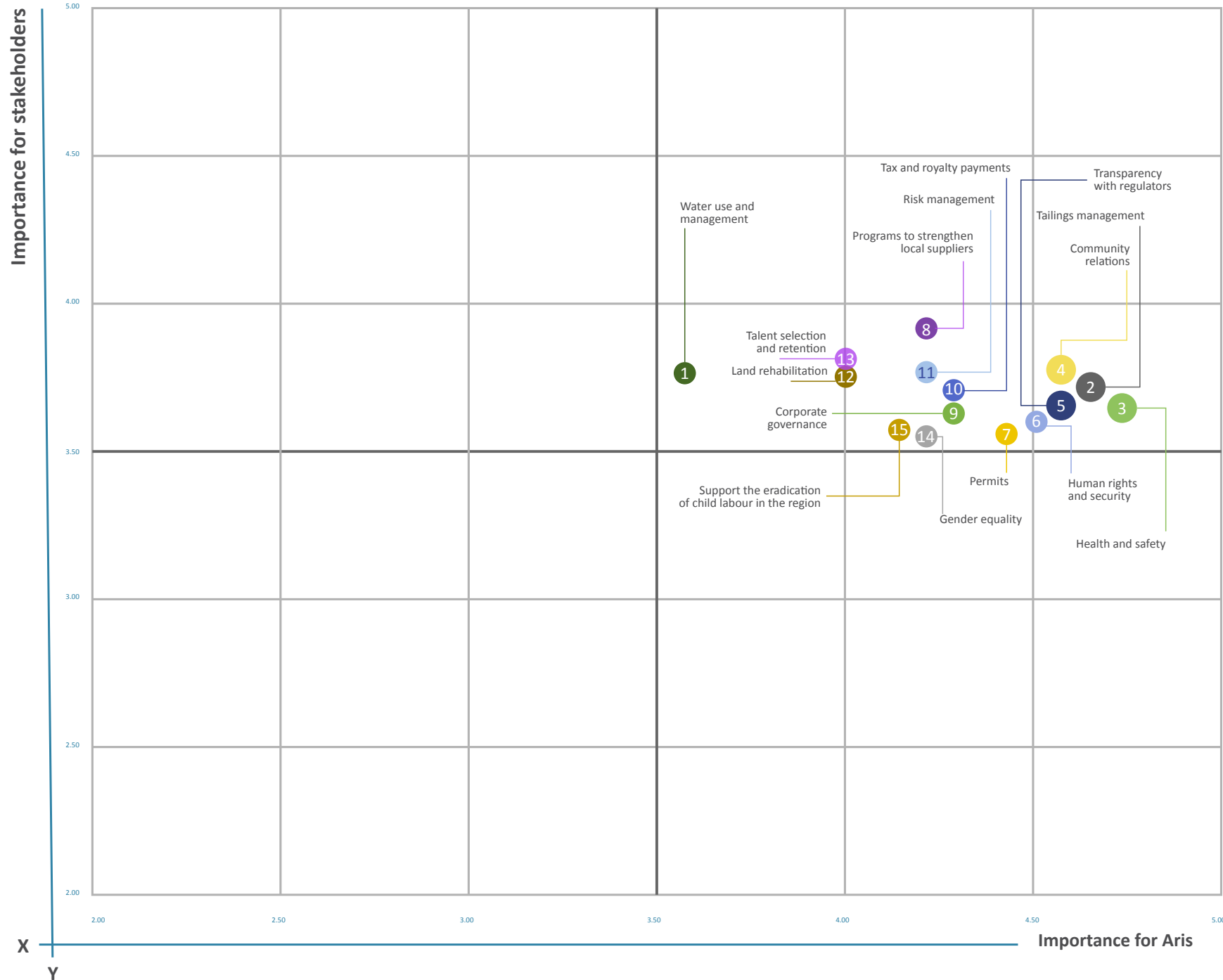
Aris Mining's Corporate Sustainability Policy is centered upon dialogue with stakeholders to advance joint goal and is overseen by our Sustainability Committee.

The Corporate Sustainability Policy further describes the 10 Sustainability commitments that guide the Company's approach to sustainability matters. Accordingly, each section of this report is aligned to one or more of those commitments, and contains a set of KPIs that our Sustainability Committee monitors on a regular basis to ensure oversight, progress and control.

The Company's Sustainability Policy can be accessed here <https://wp-arismining-2023.s3.ca-central-1.amazonaws.com/media/2023/12/Aris-Mining-Sustainability-Policy-May-2023.pdf> and the Company's Sustainability Committee Charter can be accessed here <https://wp-arismining-2023.s3.ca-central-1.amazonaws.com/media/2024/01/Aris-Mining-Sustainability-Committee-Charter.pdf>.



Material Issues



Materiality Matrix

- 1. Water use and management
- 2. Tailings management
- 3. Health and safety
- 4. Community relations
- 5. Transparency with regulators
- 6. Human rights and security
- 7. Permits
- 8. Programs to strengthen local suppliers
- 9. Corporate governance
- 10. Tax and royalty payments
- 11. Risk management
- 12. Land rehabilitation
- 13. Talent selection and retention
- 14. Gender equality
- 15. Support the eradication of child labour in the region

Affiliations and Associations



Sustainability Frameworks under which we report:



Alignment with the United Nations' Sustainable Development Goals

Aris Mining supports the United Nations' Sustainable Development Goals (SDGs).

Of the 17 SDGs, we have prioritized the six most relevant to our business and stakeholders. We focus our sustainability actions and investments on these SDGs to address those issues identified and mapped by the UN to make a positive difference to our host communities in particular and Colombia in general.



Awards and Recognitions



We received an award at the Prever Spain 2023 Awards for the implementation of the Vision Zer000 (QHS) program under the category of "Risk Prevention".



Our coexistence project with small-scale mining was honoured at the CGS (Colombia Gold Symposium) 2023 Awards as one of the projects that promotes economic development in the country.



Finalist for the 2023 Reuters Responsible Business Awards: for the second year in a row Aris Mining was a finalist among more than 700 companies nominated, standing out for highlighting the work of women miners in the territories.



Inclusion 2023 Awards: Iris Tabares, a surveyor from the Company's mine planning department, proudly represented us in this event led by Comfenalco in which we were nominated in the category of Labour Inclusion with Gender Equity.



Winner of the 8th edition Relianz Barranquilla: Lina Sanchez and Carolina Sanchez from the Marmato Mine and the Segovia Operations were recognized under the category of companies improving equality and inclusion standards.



Women in Mining Colombia recognized our Vice-President of Corporate Affairs and Sustainability for the work done to formalize mining in Segovia and Marmato.



For three consecutive years, the local government of Antioquia has recognized women in strategic positions that contribute to mining the industry. In 2023 Natalia Rios, a Segovia machinery operator was recognized.

Follow this [link](#) to the Colibrí magazine, to learn more about the events, forums and activities we participated in during 2023 to position our Company as a leader in sustainability in the mining sector.

Contract Mining Partners (CMP's)

Materiality: Programs to strengthen our local suppliers. Support the eradication of child labour in the region. Tax royalty and payments.

In 2023, our Contract Mining Partners program continues to be a meaningful contributor to our operations.

We are committed to bridging the Colombian government's interest of formalizing the mining sector for increased labour stability and environmental responsibility, while also honouring and formalizing the contributions of informal traditional miners who significantly drive mining in rural Colombia.

Our program is based on recognition of our shared strengths by building partnerships. This approach has united us as a collective front, where each member contributes their expertise to the growth of our collective businesses, embodying the true essence of a mining partnership.

We dedicated this space to talk about the most relevant issues in the execution of this strategy and how Colombia's mining industry looks to the future; as well as our continuous focus on KYC as it relates to our mining partners and their role in our business.

What does the informal mining scenario look like in Colombia today?

Colombia's mining heritage spans over 400 years, playing a pivotal role in the nation's economic landscape.

However, the industry faces significant hurdles, with an estimated 86% of mineral extraction done informally. This presents as in unlicensed operations, illicit acquisition of explosives, and insufficient attention to protecting the environment, among other issues.

These challenges have profound implications, affecting communities and consumers who may unknowingly aid and abet armed conflict, environmental degradation, and human rights violations by purchasing these minerals.

Addressing these challenges entails two key objectives: firstly, the Colombian government's aspiration to formalize miners without triggering social conflict, and secondly, our stakeholders' call to transparently manage and integrate informal miners into our mining operations.

At Aris Mining, we believe that partnering with these stakeholders is instrumental in tackling both objectives.

How does Aris Mining see these challenges in relation to the development of its business model?

From our perspective, these challenges represent significant business opportunities for shared value. These Contract Mining Partners possess valuable expertise, but they also require the support of industrial mining to seamlessly integrate into the value chain.

Through partnerships with these miners, we allow our Contract Mining Partners to focus on mining, while we take care of processing, sales, and waste management. Their mining activity is guided by our technical teams. Additionally, through operational upgrades, we offer the necessary infrastructure, procedures, and impose our health and safety standards while leveraging their traditional mining know-how.

The material these CMPs produce is transported to our processing plants, where it is weighed and assayed for gold content. Our processing plants recover greater than 90% of the contained gold in the material, compared to approximately 40% recovery achieved from informal processing plants.

This significant delta in recoveries creates a win-win scenario where both the CMPs and Aris Mining are better off as result of the collaboration.

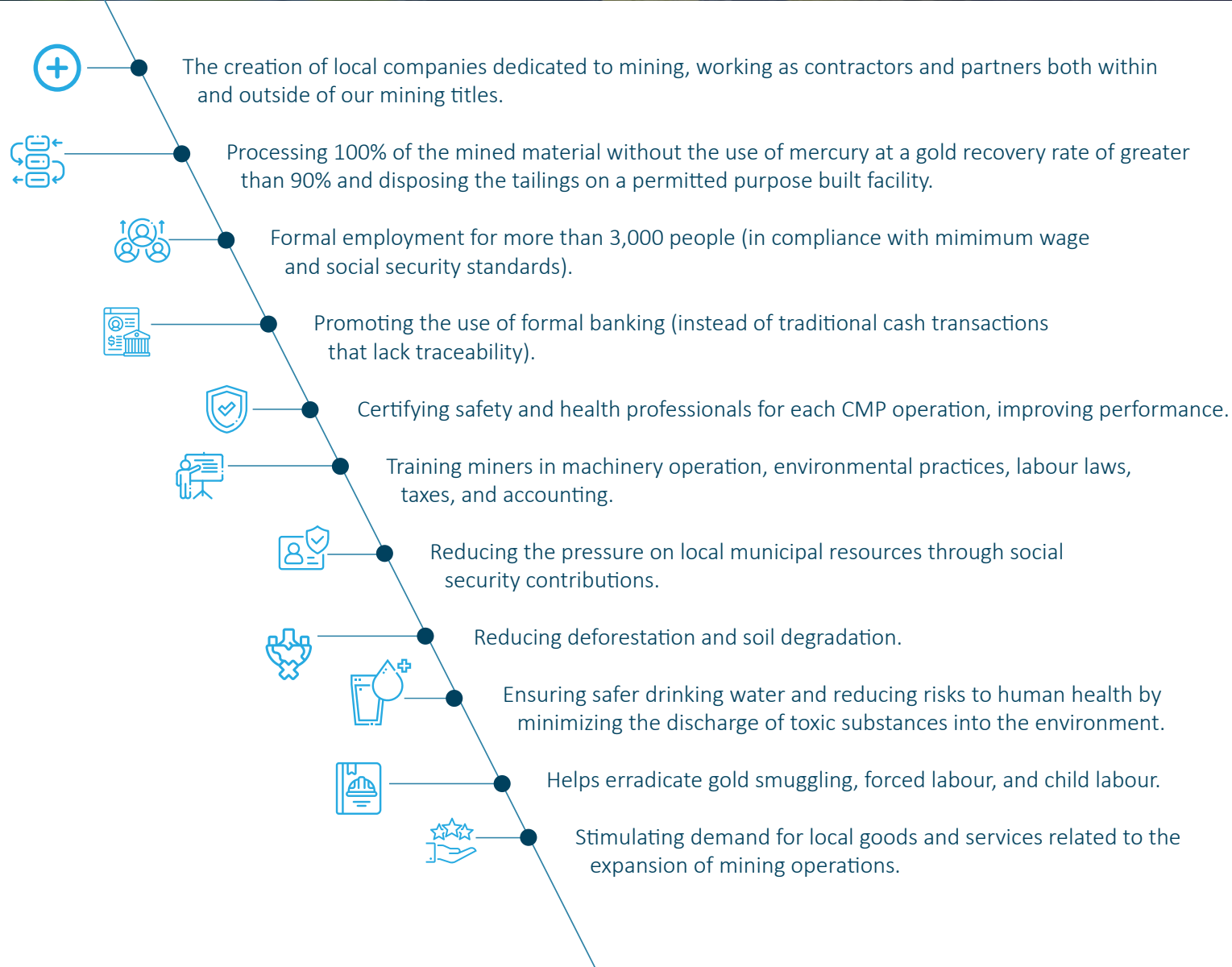
This partnership not only drives efficiencies in our operations, allowing us access to more material within the proximity of our operations, but also facilitates market expansion by increasing our share within the Colombian gold mining industry and positions us, and them, as leaders in this area.

Engaging with CMP's through contracts ensures a stable and legal source of income for them. This fosters a mutually beneficial relationship wherein we generate revenue, contribute to alleviating social and environmental challenges, and aid in strengthening governmental institutions.





Our efforts to develop the CMP supply chain yield a series of benefits, including:



What is the scope of this project and how will it contribute to Aris Mining's growth?

According to 2022 statistics from the National Mining Agency, more than 25,000 miners have been formalized nationwide, of which 7,807 are located in Antioquia. Aris Mining currently accounts for more than 40% of formalized miners within Antioquia and 12% nationally, positioning us as a significant contributor to the country's formalization efforts. Our approach is indicative of a scalable model for expansion, which serves as a competitive advantage in the industry.

We want to thank the thousands of miners who are part of the formalization process and remain committed to our goal of creating better opportunities in their communities. Through our partnerships, share our expertise in technical, environmental, operational, and legal matters, all aimed at benefiting all stakeholders.



Processes with Contract Mining Partners in 2023:

Marmato

In 2023, we embarked on a transformative path at Marmato, marking a new chapter in its history.

Dialogue emerged as a pivotal tool in forging a groundbreaking alliance. Initially involving three prominent informal miners from Marmato, this collaboration has since evolved with a vision of incorporating 300 informal miners working within our mines. This landmark agreement stands as a historic milestone, marking the first-ever alliance between an industrial miner and traditional miners in the area's 400-year history of mining.

Driven by state policies, we have committed to transforming the mining profession, celebrating its historical significance in traditional mining, and facilitating the transition to entrepreneurship. Our objective is to empower the informal miners by providing access



Our Vision is to incorporate 300 informal miners into our operations

to capital and knowledge. Ultimately, reducing the hurdles that informality can bring about will allow younger generations to consider mining as a sound option for their future.

By the close of 2023, this CMP program in Marmato contributed 2% of the mine's production, a figure we expect to increase in the years to come, by onboarding new CMPs in the area.



Segovia

We want to give special recognition to the outstanding work of companies such as Damasa, Masora, Navar, Explotaciones Gold, El Manzanillo, El Bloque, and Standard Gold, among others.

Together, over 40% of Segovia's total mill feed

In collaboration with Aris Mining, these companies have been able to mine in a sustainable way, providing significant contributions to the local and regional economies.

Furthermore, we would like to highlight the formalization of two CMPs in 2023: Alianza Miner and SK37. These partnerships build on existing enterprises, and with the support of Aris Mining, have enormous commercial potential and are instrumental in integrating over 400 new miners into our value chain. These miners aren't just contractors; they are also stakeholders who benefit from the collective economics, embodying the spirit of shared success.



Our People

Materiality: Talent selection and retention. Gender Equality.

During 2023, we were dedicated to strengthening our Aris Mining culture and providing unwavering support to our employees' development. We are proud to report that we met 100% of the proposed human resources targets for 2023, allowing us to establish more ambitious goals for 2024.

2023 ACTION LIST

Target	Status	Additional Comments
At least 14% of the workforce to be hired by 2023 must be women	Achieved	14% of new hires are women.
At least 70% of the workforce must be from local and regional areas of our operations	Achieved	Segovia: 74% of the workforce is local Marmato: 73% of the workforce is local
Achieve 100% employee training by 2026	Achieved	In 2023, we completed 14,984 hours of training for 4,483 of our Company's employees and contractors.
Execute the Familias Doradas (Golden Families) program by 2023 ⁶	Achieved	During 2023 we advanced three initiatives: 1. Traditional and modern embroidery workshop 2. Jewelry in Miyuki 3. Christmas crafts
Monitor and resolve 100% of workplace harrasment complaints received through the labour grievance committee	Achieved	Marmato 2023 Report: • Ordinary meetings: 4 • Extraordinary meetings: 24 • Cases received: 10 • Closed cases: 10 Segovia 2023 Report: • Ordinary meetings: 4 • Cases received: 0

Target	Status	Additional Comments
Design and implement a personnel retention plan for the Marmato Mine	Achieved	Plan designed with the following results: • 825 workers benefited from from salary adjustments made to be in line with the market. • We've restructured 343 operational positions, empowering our team to take on more specialized roles. • 15 internal promotions.
Respect and provide guarantees to collective bargaining agreements and union members	Achieved	We instituted controls to ensure that all workers have equal access to benefits. Total number of Aris Mining employees affiliated with labour unions to date: 984 (representing 28.9% of employees in Colombia)
Train at least 90% of the Aris Mining personnel on our corporate policies	Achieved	95% of our employees underwent training on our corporate policies.

Objectives for 2024

Closing the gaps in our path to obtaining Equipares certification:

- 1 • Obtaining certification in the Equipares Gender Equity Management System
- 2 • Maintaining at least 70% local hiring
- 3 • Monitoring the working conditions and benefits provided to workers

EQUIPARES: The certification involves managing eight categories:

- 1 • Recruitment and selection
- 2 • Promotion and professional development
- 3 • Training
- 4 • Remuneration and salaries
- 5 • Non-gendered communication and inclusive language⁷
- 6 • Work environment, health and quality of life
- 7 • Sexual and non-sexual harrasment in the workplace
- 8 • Work-life balance

⁶ Program that promotes handcrafting in order to empower women in the areas in the proximity of our operations otherwise known as areas of influence.

⁷ The Equipares certification by UNDP and the Ministry of Labour aims at the cultural and emotional transformation of work environments to build an inclusive experience.

QHS

Materiality: Health and Safety.

In 2023, Aris Mining saw a 75% reduction in workplace incidents, contributing to an overall decrease of 52% compared to 2022.

This significant improvement can be attributed to the proactive efforts of our employees, who spearheaded initiatives aimed at promoting occupational health and safety. Their dedication not only reinforced our organizational culture but also empowered employees to prioritize a safe and healthy work environment.

Within the framework of our Vision Zer000 program, we achieved several key goals, including:

- Training and reviewing performance of the Health and Safety Golden Rules.
- Implemented the “Visible Leadership” program, which encourages leaders to carry out and document incidents related to health and safety, including workplace inspections, hazard identification, risk assessment, and control design and implementation, behavior management, incident and accident investigation and participation in emergency response teams.
- Implementation of the operational excellence program, which includes a task inventory, prioritization of high-risk tasks, review and update of existing procedures or drafting of new procedures as required, training on these procedures, implementation and evaluation.
- Strengthened channels for unsafe conditions reporting.

In 2023, we did not have any fatalities in our direct operations.

Unfortunately, our CMP’s suffered four fatalities in 2023. As a company, we are committed to helping the CMP’s operating on our title reduce their health and safety risks and improve their occupational health and safety performance.

As we reported last year, we continue to review and update procedures in all areas to generate timely, standardized, and unified responses in our operations and certify Aris Mining to ISO 9001 and 45001 by 2025.

2023 ACTION LIST

Target	Status	Additional Comments
Achieve a Lost Time Injury (LTI) Frequency Index below 1.0 per 200,000 working hours	Ongoing	Segovia: We reduced LTI events by 68% from 2022 (250 LTIs in 2022 to 71 LTIs in 2023), representing to 3.42 in 2023.
	Ongoing	Marmato: In 2023, the LTI Index closed at 1.5 compared to 8.9 in 2022, equivalent to a total of 167 LTIs in 2022 compared to 32 LTIs in 2023. This represents an 83% reduction in the LTI index compared to 2022.
Achieve zero fatalities among both direct and indirect personnel	Achieved	Segovia: Unfortunately, we experienced four fatalities within our titles. There were two fatal events in the outsourced area of Navar and two fatal events in external mining operations. We continue to work on extending our practices and standards throughout the chain to prevent these events.
	Achieved	Marmato: We had zero fatalities among both direct and indirect personnel.

Target	Status	Additional Comments
Increase near-miss ⁸ reports by 25% compared to the total number of reports in 2022	Achieved	Segovia: We increased near-miss reports by 31%.
	Ongoing	Marmato: In 2023, there were no new near-miss reports in the Marmato operation. We remain committed to encouraging the reporting of near-misses.
Increase average training hours of direct workers by 25%	Achieved	Segovia: We achieved the objective of increasing training hours per company employee from 15.8 hours in 2022 to 25.1 hours in 2023, representing a 59% increase.
	Achieved	Marmato: We significantly increased company employee training by 350% in 2023 compared to 2022.
Increase average training hours of indirect workers by 25%	Achieved	Segovia: We achieved the objective of increasing training hours per contractor personnel from 11.3 in 2022 to 16.1 in 2023, representing a 42% increase.
	Ongoing	Marmato: We achieved a 14% increase in training hours for our contracted personnel compared to 2022. We strive to provide them with the best training opportunities.

⁸ "Unplanned event that could've caused physical injury or property loss but didn't".

Target	Status	Additional Comments
Achieve zero new occupational illnesses	Ongoing	Segovia: We continue to work towards eliminating occupational illnesses. In 2023, we addressed the management of occupational illnesses diagnosed in previous periods. It is worth noting that these injuries are associated with, intervertebral disc disorders and carpal tunnel syndrome.
	Ongoing	Marmato: A additional occupational illness associated with pulmonary issues was classified by the ARL (occupational risk administrator) in 2023.
Maintain the prevalence rate of occupational illnesses at the same level (year before)	Ongoing	Segovia: In 2023, three occupational illnesses were classified, which were under monitoring from previous periods by the ARL. We continue to work on preventing their increase through prevention and care measures.
	Ongoing	Marmato: With the addition of this new case in 2023, we now have a total of 15 cases of occupational illnesses. We continue to enhance operational conditions to prevent their occurrence through programs addressing musculoskeletal strength and conditioning issues and collaborative efforts with the ARL.
Increase the number of Safe Work Analyses executed by 25%	Ongoing	Segovia: The number of Safe Work Analyses (SWA's) has been decreasing due to factors such as an increase in standardized activities, and an increase in mechanized activities.
	Achieved	Marmato: In 2023, there was a 29% increase in the delivery and completion of SWA.
Increase the total number of inspections by 25%	Achieved	Segovia: We increased inspections by 30% compared to the previous period.
	Achieved	Marmato: Inspections increased by 2500% in 2023 compared to 2022 due to the implementation of the Vision Zero Base Safety Performance Index module.
Execute the Vision Zer000 implementation plan for the 6 initiatives within the program: Enhancing Safety Culture, Golden Rules, Visible Leadership, Operational Excellence, Worker Engagement in Health and Safety, and Emergency Committee	Ongoing	Segovia: During 2023, three out of the six planned initiatives were executed, achieving a 50% implementation rate. These were: Golden Rules, Worker Participation in Health and Safety, and Emergency Committee. The remaining three initiatives are still being implemented. The objective is to include all our CMPs in the VisionZer000 programme to reduce all work related incidents.
	Ongoing	Marmato: In 2023, we achieved an 89% execution and compliance rate for the IBDS (Base Safety Performance Index), a proactive indicator of the Vision Zero program. The remaining modules are still in progress.

Target	Status	Additional Comments
Achieve a score of 70% in promotion of a culture of safety reflecting a 20% improvement over the previous year's diagnosis	Ongoing	Segovia: The Vision Zer000 programme is currently being implemented in both the owner operated mining areas as well as the internal and external mine partners. It is currently 50% complete and the full program implementation is expected to continue in 2025.
	N/A (Not yet monitored in Marmato)	
Execute 100% of the QHS work plan	Ongoing	Segovia: We are still in the process of fulfilling the specific activities, measures, and procedures to ensure the fulfillment of our objectives, which include: <ol style="list-style-type: none"> 1. Archiving and document retention of the QHS Management System 2. Coordination with local entities and small-scale mining on the disaster risk management plan (due to the change of government and its guidelines) 3. Establishment of the action plan derived from the environmental hygiene measurements carried out, continuing with the epidemiological surveillance programs.
	Achieved	Marmato: In 2023, the annual QHS work plan was executed at a rate of 97%. We are continuing with the implementation of recommendations aimed at achieving 100% completion.

Objectives for 2024

Closing the gaps in our path to obtaining Equipares certification:

1. Achieve 0 fatalities by 2024 for employees and CMPs.
2. Maintain an LTI rate of less than 1 per 200,000 hours worked
3. Compliance equal to or greater than 90% of the IBDS⁹ or VLI¹⁰ in each project.
4. Design and implement technical safety standards
5. Build in-house training centers and register them with the Ministry of Labour.
6. Develop risk matrices for the Segovia Operations and Marmato Mine.

⁹ Índice Base de Desempeño de Seguridad or "Base Safety Performance Index" in English.

¹⁰ Visible Leadership Index

Our Environment

Materiality: Water, tailings, transparency with regulators, permits, risk management, land rehabilitation.

During 2023, we made significant progress in meeting our environmental goals. The 2023 action list and 2024 objectives are presented below.

2023 ACTION LIST Segovia Indicators:

Target	Status	Additional Comments
Perform training for Company personnel and local stakeholders on efficient water use awareness	Achieved	We conducted training on “water savings and efficient water use: Road to Sustainability” with our employees and CMPs at Aris Mining Segovia. We also included the surrounding communities, the military battalion, and the Gimnasio La Salada School, all of which receive their water from the Doña Ana aqueduct system.
Review acid drainage potential at our Segovia Operations	Achieved	We implemented a geochemical characterization strategy for the reservoir, directed at acid drainage mitigation measures.
Increase Environmental Management Plan compliance at the Segovia Mine	Achieved	The Segovia Operations is currently 96% compliant. We continue to put the system in place to improve environmental practices and obligations of the CMP’s in order to achieve 100% compliance.
Monitor flows from water use sources using macro-measurement system	Ongoing	We are progressing with the diagnostic phase of all concession points. Currently, the total fresh water consumed is measured by meters at 7 concessions, and is calculated based on the concession cap at the other 10 concessions. In the coming years, we will continue installing meters to collect precise consumption data.
Complete 18.79 hectares of reforestation in Segovia	Delayed	Reforestation is set to begin following the approval of the compensation plan by the regional environmental authority in September 2023.

Target	Status	Additional Comments
Evaluate the condition of the current tailings storage facilities and explore the possibility of expanding their capacity	Partially completed (Ongoing)	Evaluation work began in 2023 and is expected to be completed in March 2024.
Initiate a renewable energy project to supply the Segovia and/or Marmato operations	Achieved	We currently have a contract to install a solar plant with a power generation capacity of 2.1 MW peak (1.5 MW AC), which will be installed in the "El Colibri" tailings facility. This plant will also provide energy to the industrial zone of El Silencio, which will replace 7% of the national grid consumption, and eliminate the generation of approximately 550 tonnes of CO ₂ per year. The project is expected to start operations in Q1 2025.
Retain an external audit to verify the safety and management standards of the tailings deposits, in accordance with the international GISTM ¹¹ standard	Achieved	In 2023, we completed auditor onboarding with results expected in 2024.

¹¹ Global Industry Standard on Tailings Management by ICMM



Marmato Indicators:

Target	Status	Additional Comments
Zero environmental incidents and non-compliances in water catchment permits	Ongoing	The facilities at Marmato have underestimated its water use and have thus exceeded the limit of 0.1 litres/second as per the extraction permit. An updated water capture permit has been applied for the increased usage and future requirements
Establish closure plan for TSF Cascabel 1	Achieved	
Achieve modification of Environmental Permit for "Lower Mine" Project	Achieved	
Implement a renewable energy project for the Marmato mine	Ongoing	It was concluded in 2022 that the Marmato Mine does not have sufficient area to install solar panels. We continue to explore other options in collaboration with CHEC, a subsidiary of EPM.
Increase the compliance with the Environmental Management Plan	Achieved	In Marmato, compliance with the Environmental Management Plan reached 87%. Our ongoing projects and modernization efforts will allow for a sustained increase in the fulfillment of our environmental obligations.
Monitor the tree sponsorship campaign in Marmato	Achieved	We were able to preserve 100% of the species planted in 2022 from the "Adopt a Tree" campaign.
Status update on habitats created in Marmato under the Biodiversity Loss Compensation Plan due to the intervention of Cascabel 1 and Cascabel 2 projects	Achieved	We implemented 6 nuclei with 64 individuals of native trees, totaling 384, on 3.88 ha associated with the first phase of the Biodiversity Loss Compensation Plan of 19.9 ha, which we will continue executing in subsequent periods.

Target	Status	Additional Comments
Carry out wildlife protection strategies within the framework of the Biodiversity Loss Compensation Plan for the intervention of Cascabel 1 and Cascabel 2 projects	Achieved	We installed 8 perches and 8 dens to serve as shelters and/or sites for seed dispersal by birds and mammals.
Optimize and centralize the treatment for domestic wastewater generated in the La Palma operations and campsite	Ongoing	We plan to reopen the tender process in 2024.
Upgrade and enhance the capacity of the water treatment and purification plant for domestic use at Marmato facilities	Achieved	In 2023, the domestic water treatment plant was updated and enhanced, allowing for a treated capacity close to 1l/s.
Install flow meters in the supply and discharge tank of the beneficiation plant to determine water consumption at Marmato Upper Mine	Suspended	The project was suspended to create a more structured and comprehensive project by treating the water inside the mine beforehand to improve the quality of the water delivered to the plant.
Complete the dismantling of Cascabel 1, prepare the foundations of Cascabel 2, initiate the tailings deposit for Cascabel 2, and conduct additional studies for the final construction design of Cascabel 3 tailings deposit	Achieved	We completed the basic engineering and initiated the detailed engineering for the closure and of the Cascabel 1- tailings deposit. Likewise, we completed the excavations and preparations of the Cascabel 2 deposit area and began construction of the dam or starting wall of the deposit, achieving a progress of over 60% by the end of 2023. Lastly, we initiated complementary engineering studies for the construction and operation of the Cascabel 3 tailings deposit.

Target	Status	Additional Comments
Execution of 11 projects valued at US \$11 million, aiming to modernize and improve wastewater treatment systems, air emission control, water purification, and environmental liability treatment	Ongoing	<p>In 2023, the detailed designs and engineering of 4 out of the 11 projects were developed. Three of these were executed at 100%, 1 had and progressed to 38% completion. Of the remaining 7 projects, 3 had and progressed to 80% or more in their designs and engineering, and the remaining 4 will start in 2024. With this, total spend on these projects to date is US\$ 1.95 million. Some of the highlighted projects are:</p> <ul style="list-style-type: none"> • Designs and engineering of a Domestic wastewater treatment plant for La Palma camp and Upper Mine operations. • Installation and commissioning of a gas and fume treatment system for the smelting process. The emissions control system was commissioned in December 2023. • Construction and commissioning of the new Industrial wastewater treatment plant, which will enhance efficiency in ion destruction and removal of metals and metalloids as per Colombian discharge standards (progress 38%) • Short-term total cyanide destruction project: a reconfiguration of the detoxification system was conducted, including system reengineering and integration of new equipment with commissioning. • Installation of discharge pipeline for treated domestic wastewater from Planchado camp. The objective of this project was to transport effluent from the camp's septic tank to a point authorized by Corpocaldas in Cascabel stream. • Design and engineering of a particulate matter control system for emissions during the crushing process in the beneficiation plant.
Quantify the amount of non-mining waste reused in 2023	Achieved	In 2023, a total of 755,000 tonnes were generated, of which 78.81% were reused (recyclable and special) in transformation processes, and the remaining 21.19% was sent for final disposal.
Quantify the amount of mining waste reused in 2023	Achieved	In 2023, a total of 271,650 tonnes were generated, of which 60.8% of the mining waste (barren rock and tailings) was reused in the hydraulic filling process within the mine, while the remaining 39.2% was sent to the Cascabel 1 rear extension tailings storage facility.

Target	Status	Additional Comments
Train and raise awareness among operational, administrative, contractor, and community members on wildlife management, solid waste, flora, water, and air	Achieved	During 2023, we had 228 events with over 3,000 attendees where the environmental department conducted training and awareness sessions to promote environmental consciousness.

Objectives for 2024

Segovia Operations

- Zero environmental incidents related to non-compliance with permits or water quality standards.
- Optimize water consumption through the installation of micro and macro meters to accurately measure the volume of water consumed.
- Continue executing the action plan for a definitive solution to acid drainage in El Silencio at the Segovia Operation.
- Continue reforestation plan (5,500 trees on 8.8 hectares) for ecological conservation purposes.
- Implement a geotechnical exploration campaign to assess the condition of the current tailings storage facilities and explore the possibility of expanding their capacity.
- Complete external audit to verify the safety and management standards for tailings deposits, in accordance with the international GISTM standard.
- Conduct study to measure the Segovia Operation's GHG Scope 1 emissions.
- Advance solar energy projects, including at the Segovia operation.
- Re-use of 100% of the waste for circular economy initiatives with third parties and internal use.
- Voluntary plantation of 2.56 hectares at Curuna estate for ecological conservation purposes.

Marmato Mine

- Achieve full compliance with the activities and obligations established in the Environmental Management Plan and permits of Aris Mining Marmato.
- Minimize the risk of non-compliance due to water capture for domestic use through the construction and implementation of a new potable water system at Upper Mine.
- Achieve compensation of 11.88Ha through the planting of 704 trees to compensate for biodiversity loss caused by interventions at Cascabel 1 and 2.
- Attain 100% management of tailings as filtered and compacted at Cascabel TSF.
- Execute the closure plan for Tailings storage facilities Cascabel 1 during the years 2024 and 2025.
- Calculate greenhouse gas emissions for scopes 1 and 2.

ARIS MINING AND ENERGY TRANSITION

As Aris Mining looks ahead, our focus is on consolidating a strategy to actively engage in energy transition initiatives, which include increasing investment in clean energy and decarbonization, gradually replacing fossil fuels, enhancing energy efficiency, revising regulations for clean energy generation, and reindustrializing the economy.

Some highlights are:

- Aris Mining has operated a small hydroelectric plant since 2017, generating 8.5 megawatts of power by utilizing the Pocuné River's flow without requiring dam infrastructure at the water's edge. By plugging into the National Interconnected System in 2022, the plant allows the Company to generate and sell surplus energy. The generated energy supplies the industrial area of El Silencio, replacing 43% of the national electricity grid consumption and eliminating 3,300 tonnes of CO₂ annually. The Company is also in the process of developing a renewable energy project in connection with the temporary closing of the El Colibri TSF (tailing storage facility) that will replace 7% of the national grid consumption and eliminate 550 tonnes of CO₂ annually.
- Operations in the El Silencio industrial zone have improved efficiency by working at a voltage level of 44 kilovolts instead of the previous 13.2 kilovolts, reducing energy losses during transmission. A similar upgrade is at work for the Providencia and Sandra K mines with an investment of approximately \$3 million to replace two lower-capacity electrical substations with a capacity of 5 Megavolt-amperes each at a voltage level of 44 kilovolts. To optimize energy use in Segovia, the Company implemented a SCADA (Supervisory Control and Data Acquisition) system in its processing plant and main mine equipment, automating and controlling operations from a central room. Additionally, the Company updated 10,000 metres of its mines and surface areas with LED lighting, replacing incandescent lights and cutting lighting consumption by 80%.
- The El Colibrí TSF started operations in 2018 as a tailings storage facilities tailings storage facility with a capacity of approximately two million tonnes of tailings at 14% humidity and 90% soil compaction. In 2019, a 1,500 tonnes per day capacity (tpd) filter-press for tailings dewatering began operating, and in 2021, a 2,000 tpd filter-press was added. These facilities reduce reliance on natural resources, protect the soil, flora, and fauna, and offer safer storage options. In the upper part of the TSF, there is an early closing where we built the El Colibri park which includes amenities such as a soccer field, bicycle path, jogging track, playground, outdoor gym, and a stage with seating for 3,000 people, benefiting around 70,000 people. A 2.1-hectare area is being used for a solar farm, with power generation capacity of 1.5 megawatts AC and 3,264 photovoltaic panels. This contributes to a reduction of 550 tonnes of CO₂ emissions.



Physical Security

Materiality: Risk management, health and safety, human rights and security.

This year, we have decided to include a dedicated chapter on physical security in our reporting. Our aim is to ensure that our stakeholders remain informed about the risks present in our surroundings, as well as the measures our Company takes to manage them effectively all while ensuring respect for human rights.

Outlined below are the indicators based on the Voluntary Principles on Security and Human Rights initiative. This initiative, which represents a collaboration between civil society, businesses, and governments, reflects our aspiration to become a participant in 2024:

2023 ACTION LIST

Target	Status	Additional Comments
Develop and initiate a security service satisfaction survey of the Company's employees	Ongoing	
Train 100% of physical security employees on human rights matters	Achieved	
Train 100% of private security contractors on human rights issues	Achieved by May 2024	
Timely resolution of 100% of the complaints received by virtual, telephone, or written means regarding human rights issues	Achieved	Three complaints were received and solved.

Target	Status	Additional Comments
Adhering to the Voluntary Principles on Security and Human Rights	Ongoing	We submitted our application in March 2024.
Implement control protocols for handling explosives, both for our own employees and CMP's	Achieved	Explosives management protocol was updated and will be implemented in 2024.
Preparation of Crisis Procedures and Protocols and Manuals	Ongoing	These manuals are expected to be available by 2024.

Objectives for 2024

- 1 ● Implement annual training for security personnel (employees and contractors) on human rights.
- 2 ● Adherence to the Voluntary Principles on Security and Human Rights
- 3 ● Completing the implementation of the Explosives Code, aligned with international standards, to protect the wellbeing and lives of people who handle these hazardous materials.

Communities

Materiality: Community relations, support the eradication of child labour in the region.

The communities surrounding our operations play a pivotal role as stakeholders due to their intimate knowledge of the environment, their collaboration in our interpretation of their needs, and capacity to advocate for change.

Through engagement with these communities, we can address challenges and contribute to the sustainable development of the areas in which we operate.

In 2023, our social engagement efforts and investment framework were executed as outlined below:¹²

2023 ACTION LIST

Target	Status	Additional Comments
Expend 100% of the social investment budget	Achieved	
0 business interruptions due to social conflict	Achieved	
Reach a joint agreement with Artisanal and Small-scale Miners	Achieved	Please refer to CMP section.
Continue with the Colibri azul scholarships program	Achieved	During 2023, we awarded 875 Colibri scholarships at the La Salada Educational Institution in recognition of academic excellence.
Execute one project within the Colombian government's Works for Taxes or Works for Royalties program	Achieved by May 2024)	In 2024, three applications were submitted. Delays were due to the governmental project archive system.
100% of social complaints addressed and closed	Achieved	99% in 2023. 100% by January 2024. During 2023 we received 350 complaints. 347 were addressed and closed during 2023 and the final three in 2024.

Target	Status	Additional Comments
Update on artisanal mining and the women-led scrap initiative	Ongoing	Please refer to page 22 of the Colibrí magazine to learn more about the progress of this program
<p>Local suppliers:</p> <p>1. Include five new local suppliers in our supply chain database</p> <p>Increase current local suppliers as follows:</p> <p>2. Marmato: increase from 13% to 18%</p> <p>3. Segovia: Increase from 4% to 5% in the municipalities of Segovia and Remedios, and in Antioquia from 37% to 45% without considering Segovia and Remedios</p> <p>4. Begin reporting on indirect local purchases by contractors</p>	Ongoing	<ol style="list-style-type: none"> Completed: 23 new local suppliers were added. Pending: In Marmato Local suppliers require more training and formalization assistance to become suppliers. We are currently strengthening their capabilities. Fulfilled Segovia 5%. Antioquia 51% At the end of the year, Marmato contractors reported \$705,232 and Segovia contractors reported \$2,071,648 in local purchases.

Objectives for 2024

- Expend 100% of the social investment allocated for 2024.
- Achieve one works-for-taxes project and one works-for-royalties project which are mechanisms that the Colombian government allows in order to carry our projects with potential tax money instead to paying taxes directly.
- Conduct four human rights training sessions in the communities in which we operate.
- Achieve zero operational interruptions due to social conflicts.
- Enter into four additional formalization agreements with CMPs.
- Seek at least three alliances with third parties to leverage social investment resources.

- Develop one project for the prevention of child labour and forced labour with CMPs.
- Increase the number of local suppliers to 20 new suppliers for each mine.
 - Increase the percentage of local purchases made from local suppliers
 - Marmato: (municipal and regional): 11% to 14%
 - Segovia: Increase from 5% to 8% in the municipalities of Segovia and Remedios, and in Antioquia from 51% to 55% (excluding Segovia and Remedios).
- Implement quarterly reporting of local purchases by the top 20 operational contractors.

¹²For details on the execution of our social engagement efforts and investment framework 2023 visit the Colibrí magazine in the following link



SASB

Target	Metric Description	SASB CODE	Marmato 2023 Data	Segovia 2023 Data
--------	--------------------	-----------	-------------------	-------------------

Table 10.1 Comparison of intensity indicators

Year	2023	2022	2021
Silver	56,241	53,544	54,477
Gold	36,520	40,215	40,519
Intensity (kg CO₂/oz of mineral)	92.76	93.76	95.00

Emissions

Year	Tonnes CO ₂ eq Year 2021	Tonnes CO ₂ eq Year 2022	Tonnes CO ₂ eq Year 2023
Scope 1	2,190.86	2,230.77	2,260.24
Scope 2	3,784.44	3,247.98	3,740.95
Total	5,975.30	5,478.75	6,001.79

Source: Alternativa Ambiental SAS 2024

In 2023 out production remained at similar levels to 2022 production and in compliance with Resolution 909 of 2008 from the Ministry of Environment in Colombia, Thereby, atmospheric emissions in Segovia will be measured... in 2024 for reporting in 2025. This decision is based on our classification as "very low" in terms of the significance of pollutant contribution.

Greenhouse Gas Emissions

Our Environment

Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations
Quantitative Metric tons (t) CO₂-e, Percentage (%)

EM-MM-110a.1

Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets.

EM-MM-110a.2

In the short term, Aris Mining is positioned for growth, indicating an increase in its current emissions. However, Aris Mining emits 0.11 tonnes per ounce of gold produced, nearly four times less than the emissions of an average underground mine according to S&P Global data. The Company seeks to further control greenhouse gas emissions, the Company seeks to contribute to greenhouse gas emission control. To achieve this, Aris Mining has taken the following actions:

- Engaged external consultants to calculate its emissions footprint, aiming to understand the extent of its impact. The resulting report will provide guidance towards carbon neutrality, considering that our current reforestation and offsetting efforts are offsetting the emissions from our operations.
- Continued focus on efficiency and energy savings through the utilization of renewable energy sources.

Target	Metric Description	SASB CODE	Marmato 2023 Data	Segovia 2023 Data
--------	--------------------	-----------	-------------------	-------------------

Results of direct source monitoring
Data collected in March 2023

Parameter	Smelting furnace (mg/m ³)	Lab (mg/m ³)
PM	128,86	2.08
SO ₂	4,02	10.93
Pb	0.167	0.029
Cd	0.128	0.0413
Cu	0.002	0.0000122
Hg	0.003	0.00023
HCN	<0.1010	N.A

Data collected in October 2023

Parameter	Smelting Furnace
Acid mists (H ₂ SO ₄)	150
NOx	36.57
Hct	<LC
COT	<LC
H ₂ S	<LC

	Processing Plant Smelting	Cupellation Chemical Lab	Smelting Chemical Lab	Units	Total	Tons
(1) CO	6,136	9,321	54,536	mg/m ³ (norma N/A)	69.99	6.999E-08
(2) NOx	35,183	34.83	46,412	mg/m ³ (norma 500 mg/m ³)	116.43	1.164E-07
(3) SOx: SO ₂	1,624	2.33	1,794	mg/m ³ (norma 500 mg/m ³)	5.75	5.748E-09
SO ₃	0.016	0.142	0.055	mg/m ³ (norma 150 mg/m ³)	0.21	2.13E-10
(4) PM ₁₀	6,227	1.364	7,128	mg/m ³ (norma 150 mg/m ³)	14.72	1.472E-08
(5) Hg	1,507	0.006	0.014	mg/m ³ (norma N/A)	1.53	1.527E-09
(6) Pb	0.066	0.093	0.055	mg/m ³ (norma 1 mg/m ³)	0.21	2.1E-10
(7) COV	17,998	17,418	18,582	mg/m ³ (norma N/A)	54.00	5.4E-08

Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N₂O), (3) SOx, (4) particulate matter (PM10), (5) mercury (Hg), (6) lead (Pb), and (7) volatile organic compounds (VOCs)

EM-MM-120a.1

Air Quality
Our Environment

Energy Management Our Environment	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	EM-MM-130a.1	<p>Total energy consumption in 2023: 33,229,030 kWh equivalent to 1196.24 GJ 100% from the interconnected system 0% from renewable sources</p>	<p>Energy consumption during 2023 amounted to 104,759,439.15 kWh (3771.33 GJ). Of the total consumption in our Segovia Operations, the proportion corresponding to self-generation is 26.06% is self-generated, supplied by the Doña Teresa small hydroelectric power plant (a facility that does not emit emissions). The remaining 73.94% is sourced from EPM (a state-owned energy Company with a portfolio consisting of 91% hydropower). This same organization launched the Green Energy seal with the aim of certifying a select group of companies operating with Green Energy, energy generated from 100% renewable sources. This is certified through International Renewable Energy Certificates (I-RECs). During 2023, Aris Mining received 70,916 renewable energy certificates.</p>
--------------------------------------	--	--------------	--	---

Water Management Our Environment	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	EM-MM-140a.1	<p>Total freshwater extracted in 2023: 1,258,414.04 m³ Total freshwater extracted from La Maruja mine for beneficiation plant in 2023: 1,078,902.5 m³ Total freshwater extracted for domestic use: 179,511.54 m³ Total freshwater consumed in 2023: 1,258,414.04 m³</p> <p>Currently, none of the facilities or operations are located in areas of high or extremely high water stress, as reported in the Caldas department.</p>	<p>(1) Total freshwater extracted: 2,999,160 m³ – Total freshwater consumed: 2,857,228 m³</p> <p>The total freshwater extracted is measured based on the concession limits. The total freshwater consumed is determined using data from 7 concessions equipped with meters. For the other 10 concession points, consumption is estimated based on the concession limits as we are in the process of installing meters.</p> <p>Concessions for surface water for domestic and industrial use: 2,653,627 m³; 88.5%- 2,595,381 m³; 90.9% Concessions for groundwater: 193,691 m³; 6.5%- 186,676 m³; 6.5% for the company's operations Concessions for groundwater for small-scale mining unit operations: 151,843 m³; 5%- 75,171 m³; 2.6% (2) 0%, the area where Aris Mining Segovia operates is not under water stress.</p>
-------------------------------------	--	--------------	---	---

Water Management Our Environment	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	EM-MM-140a.2	<p>The facilities at Marmato have underestimated the use of local water and have thus exceeded the limit of 0.1 litres/second as per the extraction permit. An updated water capture permit is being applied for to increase usage limits and to meet future requirements.</p>	<p>Zero incidents.</p>
-------------------------------------	---	--------------	--	------------------------

Target	Metric Description	SASB CODE	Marmato 2023 Data	Segovia 2023 Data
Waste And Hazardous Material Management Our Environment	Total weight of mineral processing waste, percentage recycled	EM-MM-150a.1	The total weight of tailings waste was 271,646 tonnes; 60.8% of this is recycled as hydraulic fill in the mine, while the remaining 39.2% is disposed of in tailings deposits.	Total tailings produced was 630,659 metric tonnes.
	Total weight of waste from mineral processing, percentage recycled	EM-MM-150a.2	Total weight of mineral processing waste was 265,525 metric tonnes, with a recycling rate of 62.20%.	Total processed mineral waste was 630,659 metric tonnes, with 0.5% of processed mineral waste utilized in the polymetallic plant.
	Number of tailings impoundments, broken down by MSHA (Mine Safety Health Administration) hazard potential	EM-MM-150a.3	We have a Tailings Facility Structure named "Cascabel 1" tailings storage facility.	Tailings Dams: Higuieron- Status: closed- Capacity: 338,998 t Hueco la Vaca- Status: closed- Capacity: 55,313 t Báscula- Status: closed- Capacity: 12,000 t- Stored: 4,522 t Pomarrosa- Status: closed- Capacity: 275,418 t- Stored: 274,406 t Shaft (P1, P2, and P3)- Status: P1 = closed; P2 = closed; P3 = in the process of environmental closure- Capacity: 760,166 t- Stored: 574,396 t Bolivia (B1, B2, and B3)- Status: B1 = closed; B2 = closed; B3 = inactive- Capacity: 54,342 t- Stored: 42,248 t Chocho (1B, 1A, and 1C)- Status: 1B = closed; 1A = in use; 1C = in use- Capacity: 2,376,000 t- Stored: 2,342,520 t Chocho stage 2- Status: under construction- Capacity: 2,520,000 t- Stored: 93,134 t"
Description of environmental management policies and practices for active sites	EM-MM-160a.1	Our environmental policy regarding biodiversity includes: <ul style="list-style-type: none"> Protecting and mitigating impacts on biodiversity through research, partnerships, and land management processes. Promoting the reduction of raw material usage, as well as the reuse or recycling of waste streams. Minimizing water usage and ensuring sustainable water resource management. Additionally, our Company's practices are aimed at biodiversity conservation, land rehabilitation from mining activities, creation of ecological corridors, conservation and restoration of water resources, waste utilization and management, environmental education campaigns, and efficient use and conservation of water and energy.		
Biodiversity Impacts Our Environment	Percentage of mine sites where acid rock drainage is: (1) predicted to occur, (2) actively mitigated, and (3) under treatment or remediation	EM-MM-160a.2	Reiterating the report from 2022, both Marmato Upper Mine and Lower Mine contain rock types that have a high potential to generate Acid Rock Drainage (ARD). Therefore: (1) 100%. (2) 30% corresponds to the disposal of filtered tailings in the deposits. (3) 0%, the Company currently does not perform pH correction or treatment of sulfides in the mine or tailings deposit.	Percentage (%): (1) 25%, corresponding to one of the four mines experiencing acid drainage due to illegal discharges from neighboring mines; however, the pH is corrected before discharge. (2) 100% (3) 100% is treated/corrected using pH corrective measures.
	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	EM-MM-160a.3	Within the planned expansions in Marmato, there are no areas with probable and/or proven reserves located in protected conservation areas or habitats of endangered species, nor are they in close proximity to such areas.	Within our Segovia operations, there are no areas with probable and/or proven reserves located in protected conservation areas or habitats of endangered species, nor are they in close proximity to such areas.

Target	Metric Description	SASB CODE	Marmato 2023 Data	Segovia 2023 Data
Security, Human Rights & Rights of Indigenous Peoples	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	EM-MM-210a.1	0%	0%
	Percentage of (1) proven and (2) probable reserves in or near Indigenous land	EM-MM-210a.2	According to the most recent census of Colombia in 2018, within the municipality of Marmato, there are 2,100 residents from the Cartama indigenous community, representing almost 24% of the total population of Marmato. This community has been recognized by the Ministry of the Interior and Justice of Colombia through the Directorate of Ethnicities as a dispersed indigenous community (via Resolution No. 046 signed on May 3, 2012). Additionally, the Embera indigenous community and the Afro-descendant community of Taparal in Riosucio are located near the mine.	0%
	Discussion of engagement processes and due diligence practices with respect to human rights, Indigenous rights, and operation in areas of conflict	EM-MM-210a.3	The Company has a Human Rights Declaration available on its website. In this policy, the Company commits to treating all its employees with respect and dignity, and complying with all national and international laws, including those related to freedom of assembly and association, collective bargaining, non-discrimination, and the prohibition of forced and child labour. As part of this commitment, the Company is currently negotiating with a third union, does not employ child labour in its operations, and closely monitors its suppliers and mining partners to prevent the presence of such practices. Communities: The Company conducts its business responsibly, maintaining open dialogue with communities to understand their social, environmental, cultural, and economic conditions, and the impact the company's operations have or may have on neighboring communities. Accordingly, the Company works to align with these needs and expectations to mitigate negative impacts and contribute to the sustainable development of the areas where it operates. To this end, the Company strives to obtain the free, prior, and informed consent of indigenous communities, recognizing their connection to land and water.	
Community Relations Communities	Discussion of process to manage risks and opportunities associated with community rights and interests	EM-MM-210b.1	Through our policies and procedures, we promote a culture of honesty, accountability, and ethical conduct that helps build trusting relationships with our stakeholders. In both operations, we conducted a materiality analysis to determine their interests. We conducted workshops directly and in collaboration with partners to raise awareness of their rights, and we have field teams and various communication channels, including an whistleblower hotline, to promptly address any issues that may arise.	
	Number and duration of non-technical delays	EM-MM-210b.2	0	0
Labour Relations Our People	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	EM-MM-310a.1	Total number of Aris Mining employees affiliated with unions to date: 984 (28.9% of employees in Colombia).	
	Number and duration of strikes and lockouts	EM-MM-310a.2	0	0
Workforce Health & Safety Quality, Health and Safety	(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	EM-MM-320a.1	Please refer to page 15 of this Report for a detailed look into our workforce health and safety parameters and progress	
Business Ethics & Transparency	Description of the management system for prevention of corruption and bribery throughout the value chain	EM-MM-510a.1	We are committed to establishing and maintaining high standards of corporate governance, ensuring that our policies, processes, and practices reflect the fundamental principles of transparency, ethics, and responsibility. At the following link , you can access our anti-bribery and anti-corruption policy, detailing the parameters under which we expect governmental and commercial relationships to be conducted within our Company: Aris Mining Anti-Bribery Anti-Corruption Policy	
Corporate Governance	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	EM-MM-510a.2	0	

Thank you for your interest in our 2023 sustainability report! For more information, please contact us by e-mail: at info@aris-mining.com

We welcome your feedback.

