

Topic	Indicator Code	Metric	2022 Disclosure
Greenhouse Gas Emissions	SASB EM-MM-110a.1	Gross global Scope 1 emissions, percentage covered under emissions- limiting regulations	80,972 Metric tons (t) CO <sub>2</sub> -e, 0% covered under emissions-limiting regulations
Greenhouse Gas Emissions	SASB EM-MM-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	We are committed to setting short-term and long-term GHG emissions reduction targets, as well as other climate-related targets as appropriate. Our top climate change priority for 2022 was to conduct the detailed studies and work required to support the setting of GHG emissions reduction target(s), which we achieved. We conducted a company-wide analysis of GHG emissions to identify opportunities for reduction, with a view to set GHG emissions reduction targets. This work included detailed energy audits at each of our sites to identify potential options to reduce energy use and GHG emissions. This included a review of processing methods, mining plans and physical conditions for each site to identify a list of potential GHG emissions reduction measures, including energy optimization measures. This work also included capacity building at sites to enhance site teams' understanding of energy reduction potential. The sites are evaluating various projects to reduce GHG emissions and will each establish an energy management program to reduce energy use, and ultimately GHG emissions. In 2023, we intend to finalize this work and set climate related metrics and targets, including GHG emissions reduction targets.
			We set the following short-term climate-related targets for 2022:  • GHG emissions intensity per thousand tonnes of processed ore: 17.80 tCO2eq/kt. We came very close to achieving our target, however, slightly lower production compared to the estimate for our Argentina operation meant higher emissions intensity. In 2023, we will be monitoring these metrics carefully to enhance the precision of our projections.  • Energy use intensity per tonne of processed ore: 0.21 GJ/t. Closely linked to the GHG emissions intensity target above, the impediment to achieving this target was the Argentina operation's slightly lower production.  • Freshwater consumed per tonne of processed ore: 0.27 m3/t - performance above target
			2022 performance against our short-term climate-related targets is included in Table 11: Climate-related Metrics and Targets in the Climate Change and GHG Emissions section of the 2022 Sustainability Report.
			Our Climate Change Position Statement articulates our approach to climate change and our key climate-related commitments.
			See Table 10: Fortuna's Climate-related Risks and Opportunities in the Climate Change and GHG Emissions section of the 2022 Sustainability Report for an overview of the company's approach to mitigating climate-related risks and capturing opportunities.
Air Quality	SASB EM-MM-120a.1	Air emissions of the following pollutants: (1) CO (2) NOx (excluding N2O) (3) SOx (4) Particulate matter (PM1O) (5) Mercury (Hg) (6) Lead (Pb) (7) Volatile organic compounds (VOCs)	Fortuna provides data on air emissions concentrations.  (1) Not available on a company-wide basis. Site specific data provided below where available. Lindero: All machinery and equipment that emit CO were monitored twice during 2022; the results were always below the legal limits.  San Jose: Not available Caylloma: 951.9 ug/m3 Yaramoko: 1,730 ug/m3 (2) 30.14 ug/m3 (3) 3.86 ug/m3 (4) 45.68 ug/m3 (5) Not Applicable. There is no use of mercury at any of Fortuna's mine sites. (6) 0.08 ug/m3. Hazardous air pollutants (HAP) per production. (7) 0.12 ug/m3. Benzene emissions per production.



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Energy Management	SASB EM-MM-130a.1	(1) Total energy consumed,     (2) Percentage grid electricity     (3) Percentage renewable	(1) 1,713,121 GJ (2) 36% (3) 14%  In 2022, we roughly doubled our percentage of total energy consumed that is renewable to 14% (up from 7% in 2021). This was driven by the change of electricity provider at Caylloma to a provider that offers electricity from 100% renewable energy sources.
Water Management	SASB EM-MM-140a.1	(1) Total fresh water withdrawn (2) Total fresh water consumed, Percentage of each regions with High or Extremely High Baseline Water Stress	(1) 1,687 thousand m3, 21% (2) 1,871 thousand m3, 16%
Water Management	SASB EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Zero (0)
Waste & Hazardous Materials Management	SASB EM-MM-150a.4	Total weight of non-mineral waste generated	1,084 metric tons
Waste & Hazardous Materials Management	SASB EM-MM-150a.5	Total weight of tailings produced	2,026,354 metric tons and 25% recycled as paste fill.
Waste & Hazardous Materials Management	SASB EM-MM-150a.6	Total weight of waste rock generated	5,682,517 metric tons
Waste & Hazardous Materials Management	SASB EM-MM-150a.7	Total weight of hazardous waste generated	675 metric tons
Waste & Hazardous Materials Management	SASB EM-MM-150a.8	10	288 metric tons
Waste & Hazardous Materials Management	SASB EM-MM-150a.9	Number of significant incidents associated with hazardous materials and waste management	Zero (0)
Waste & Hazardous Materials Management	SASB EM-MM-150a.10	Description of waste and hazardous materials management policies and procedures for active and inactive operations	Our approach is driven by a risk-based assessment of our activities. Based on the identified risks, we implement standards, programs, procedures, and other controls to ensure risks are mitigated. The main tools we have developed for waste and hazardous materials management are our Waste Management Plans and initiatives related to hazardous materials management.
			Given the potential impact on the environment and the health and safety of our employees and communities, hazardous materials management is mandatory for our subsidiaries. Corporate management establishes standards or guidelines and undertakes audits, while the subsidiaries implement local operational management plans and procedures. We developed a corporate-level Explosive Handling Standard in 2020, approved by our HSSEC Corporate Committee, covering technical issues, processes and training requirements for the workers involved.
			For more detail on Fortuna's Waste Management Plans and initiatives related to hazardous materials management, see the Waste and Hazardous Materials Management section of the 2022 Sustainability Report.



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Biodiversity Impacts	SASB EM-MM-160a.1	Description of enviromental management policies and practices for active sites	Our Environmental Policy, which is approved by the Board, is guided by the ISO 14001:2015 Environmental Management Systems Standard. It outlines our commitment to protecting the natural environment wherever we work and our approach to promoting environmental compliance. Specifically, we are committed to integrate biodiversity conservation and land use planning considerations in all stages of the mining life cycle, including engaging with external stakeholders, respecting designated protected areas and supporting the protection and preservation of tropical forests. We aim to achieve certification of the environmental management system (EMS) at each of our operations to ISO 14001. We are committed to integrating biodiversity conservation considerations into our processes and to work with other parties to contribute information, knowledge, and practices to achieve common goals. We do not conduct exploration or mining operations in protected areas.
			As part of our environmental impact studies, we conduct biodiversity risk and impact assessments. We prepare biodiversity management plans for approval by the local authorities as needed, which describe the existing biodiversity inventory prior to mining operations, and set out a protection monitoring plan. We monitor plant and animal species included in the International Union for Conservation of Nature (IUCN) Red List of Threatened Species, the Convention on International Trade in Endangered Species (CITES) and local regulations where applicable. The topics addressed by our biodiversity management plans includes ecological and biodiversity impacts, waste generation, noise impacts, emissions to air, discharges to water, natural resource consumption, and hazardous chemical usage.
			All of the sites manage their own internal and external communications on environmental management issues. These communications typically include discussion of biodiversity and also water resources management, environmental awareness campaigns, education on best practices as it relates to energy consumption and the results of environmental monitoring activities.
			All our operations have mine closure plans, which may be conceptual, progressive, or final closure plans depending on the life cycle stage of the mine. Closure plans consider physical conditions (including water quality, soil conditions, physical stability, chemical stability, and hydrological stability), biological conditions (including habitats and revegetation), socioeconomic considerations (including stakeholder participation and social programs where applicable) and the cultural environment. They are re-assessed and updated annually, indicating which structures will be decommissioned and which areas will be restored. In the years prior to closure, updates to mine closure plans and any associated financial provisions are submitted for approval to regulators. Progress reports on implementation and compliance with ongoing restoration commitments are submitted on an annual basis. The objective of our mine closure plans is to ensure that the environment where our mining activities take place is restored to long-term sustainability, which may be a similar condition to what existed before mining took place, or a condition suitable for another use. We have obligations to make operational and financial provisions to ensure the mine closure plans, rehabilitation and remediation activities are completed. We are committed to set aside sufficient funds for these purposes.
			For more detail on Fortuna's environmental management policies and practices for active sites, see the Biodiversity Impacts section of the 2022 Sustainability Report.
Biodiversity Impacts	SASB EM-MM-160a.2	Percentage of mine sites where acid rock drainage is: (1) predicted to occur, (2) actively mitigated, and (3) under treatment or remediation	Acid rock drainage (ARD), which can pollute water sources and affect biodiversity and surrounding communities, is not a concern for the Company because acid-generating rock is not predicted to occur at any of our mine sites. Testing conducted by an accredited laboratory has concluded that our mining waste does not have the characteristics to generate ARD. This monitoring is carried out annually at a minimum. ARD is under treatment at Caylloma for the Don Luis waste rock deposit, which is a legacy environmental issue from the prior mine operation. A small amount of acid water is present and treated to stabilize it and avoid harmful environmental impacts.
Biodiversity Impacts	SASB EM-MM-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected	We do not conduct exploration or mining operations in protected areas according to international conventions. Caylloma is located near areas of significant biodiversity value, including wetlands and Andean lagoons, that are considered to be fragile ecosystems under Article 99 of the General Law on the Environment of Peru, and which provide habitat for endangered species. Some protected species are found on the Caylloma, San Jose, Lindero and Yaramoko properties.
Security, Human Rights and Rights of Indigenous Peoples	SASB EM-MM-210a.1	Percentage of (1) proved and (2) probable mineral reserves in or near areas of conflict	Fortuna faces the most significant exposure to security risks through its West African operations. The security situation in northern Burkina Faso is generally considered to be unstable.  For more detail, see the Security, Human Rights and Rights of Indigenous Peoples section of the 2022 Sustainability Report.
Security, Human Rights and Rights of Indigenous Peoples	SASB EM-MM-210a.2	Percentage of (1) proved and (2) probable mineral reserves in or near Indigenous land	Our operations are located in or near territories occupied or claimed by Indigenous Peoples. In particular: o At Caylloma (Bateas), the Santa Rosa community could be recognized as Indigenous by the Peru Ministry of Culture in the future. o Under Mexican law, the municipalities surrounding San Jose (Cuzcatlán) that have customary governance systems are recognized by the authorities as Indigenous. o Lindero (Mansfield) is located 75 kilometers from the nearest community, Tolar Grande, where most inhabitants are members of the officially-recognized Kolla Indigenous community.
			The West African countries of Burkina Faso and Côte d'Ivoire have no registered Indigenous communities.
			For more detail, see the Security, Human Rights and Rights of Indigenous Peoples section of the 2022 Sustainability Report.



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Security, Human Rights and Rights of Indigenous Peoples	SASB 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	The Sustainability Committee of the Board provides oversight of security, human rights and the rights of Indigenous peoples, and the Senior Vice President Sustainability has management responsibility for human rights, which include issues related to security and Indigenous peoples. The Senior Vice President, Sustainability is supported by the Corporate Counsel and Chief Compliance Officer (CCO), directly responsible for security management, and the Corporate Human Resources Department, which is responsible for education and training activities. Accountability is further delegated to Human Resources managers within each subsidiary, who report indirectly to Corporate Human Resources management.
			Our Human Rights Policy guides our approach to engagement and due diligence. in 2022 we enlisted the support of an external consultant to undertake a gap assessment of our existing human rights management system. As a result, a Steering Committee was formed and includes the CEO as a sponsor, the Chief Operating Officers (COO) from each operational region and the SVP Sustainability. Based on the results of the gap assessment, we are developing action plans at both the subsidiary and corporate levels to strengthen our human rights framework and ensure our operations implement human rights best practices. This process represents the first step towards the establishment of a complete human rights management system including a regular due diligence process. Additionally, in 2022, we began reviewing the External Stakeholder Grievance Management Standard under the supervision of the Legal Department, applicable to all subsidiaries. The Standard will help ensure that each subsidiary-level grievance mechanism meets the guidelines set out in the UN Guiding Principles on Business and Human Rights and other industry best practices.
			All of our mines have security personnel, some of whom are employed directly by the Company, but the majority of whom are employed by external public and private security enterprises. Contract security providers are required to acknowledge and comply with Fortuna's Human Rights Policy, Code of Business Conduct and Ethics and Supplier Code of Business Conduct and Ethics. Mandatory human rights training for security personnel are required by our subsidiaries in Peru, Mexico, and Argentina. All internal and external private security personnel receive human rights training aligned with local regulation and the Voluntary Principles on Security and Human Rights.
			For more detail, including on our specific approaches to engagement with Indigenous communities, see the Security, Human Rights and Rights of Indigenous Peoples section of the 2022 Sustainability Report.
Community Relations	SASB EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	Our Community Relations Policy ensures that our subsidiaries commit to the highest possible standards of social management in all areas of our business activities, to maintain our Social License to Operate and create value for our stakeholders. At each site, we want to foster a participative approach to community relations through respectful dialogue that builds trust, genuine collaboration and mutually beneficial relationships. Within each Community Relations Plan, we seek to formulate strategies and procedures to manage social risks and the impacts and opportunities associated with our operations in consultation with local communities, while enhancing our contributions to local socio-economic development.
			Our subsidiaries maintain ongoing dialogue and engagement with community stakeholders. They operate local community service offices, work collaboratively with local authorities, undertake community engagement activities, and participate in community events. They also take part in consultations and participatory meetings to identify and prioritize community development needs.
			Our subsidiary Community Relations departments operate local-level grievance mechanisms through which stakeholders can lodge grievances, which are registered and monitored until they are resolved. In 2022, we began developing an External Stakeholder Grievance Management Standard under the supervision of the Legal Department, applicable to all subsidiaries. The External Stakeholder Grievance Management Standard is designed to allow systematic monitoring of how concerns are addressed. This Standard will be implemented in 2023.
			The objective of the Standard is to support the establishment of an effective, formal non-judicial, dialogue-based grievance mechanism to receive, manage, respond to, and strive to remedy all grievances from Fortuna's external stakeholders, including neighboring communities, regarding impacts of Fortuna's operations and its activities. Fortuna's corporate office and all subsidiaries will be expected to implement and regularly review the effectiveness of their respective grievance mechanism(s) in line with the requirements set out in the Standard. The Standard will help ensure that each subsidiary-level grievance mechanism meets the guidelines set out in the UN Guiding Principles on Business and Human Rights and other industry best practices, while guaranteeing our social license to operate.
			We identify the direct and indirect areas of influence of our operations (DAI and IAI) and use this to prioritize local employment and procurement and measure our effectiveness. Our subsidiaries give priority to recruitment of employment candidates and suppliers from the DAI, and then from the IAI. We also provide local small businesses with the potential to become suppliers.
			Our Community Relations Plans include social programs and social investment budgets. We are committed to working with community organizations, local governments and local suppliers to identify community needs and provide sustainable benefits to the communities in our direct and indirect areas of influence.  For more detail on approach to manage risks and opportunities associated with communities, see the Community Relations section of the 2022 Sustainability Report.



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Community Relations	SASB EM-MM-210b.2	Number and duration of non-technical delays	In 2022, we experienced a total of 6 non-technical delays, lasting a total of 1.99 days. These were mainly related to community members requesting Cuzcatlán's support for personal matters, as opposed to community matters. The Cuzcatlan Community Relations team worked directly with these community members to proactively encourage dialogue without involving blockades.
Labor Relations	SASB EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	67% of employees are covered by collective bargaining agreements. The Company has no U.S. employees.
Labor Relations	SASB EM-MM-310a.2	Number and duration of strikes and lockouts	Zero (0) strikes and lockouts lasting zero (0) days.
Workforce Health and Safety	SASB 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	(2) Fatality rate (a) 0.04 (b) 0.00 (3) Near miss frequency rate (NMFR) (a) 1.27 (b) 1.22 (4) Average hours of health, safety, and emergency response training (a) 19.5 hours (b) 45.7 hours
Business Ethnics & Transparency	SASB EM-MM-510a.1	Description of the management system for prevention of corruption and bribery throughout the value chain	Our Code of Business Conduct and Ethics, which is approved by the Board, sets out the principles governing our behavior. The Audit Committee of the Board provides oversight, and the Chief Compilance Officer (COD) has management responsibility for its implementation. Our Ant-Corruption Policy, which is a proved by the Board, addresses bribery, corruption, money laundering, facilitation payments, gifts, and community and political contributions. The Corporate Governance and Nominating Committee of the Board provides oversight, and the Chief Compilance Officer (COD) has management responsibility for its implementation. The COD has appointed country and regional compliance officers (DCOs) in Argentina, Mexico, Peru and West Africa to assist with ensuring compliance under the Policy in local jurisdictions. Any employee who knows or suspects a violation of the Code of Business Conduct and Ethics must report it through our whistleblower channel. Reports are treated with strict confidentiality and retaliation against whistleblowers is not tolerated.  A copy of the Anti-Corruption Policy is provided to all new employees and all partners, agents, consultants, and other contractual parties who interact with government officials on our behalf. We conduct specialized training on this Policy for management and for target employees. Such employees must certify annually that they have complied with the Anti-Corruption Policy and are not aware of any potential violation of the Policy must report it to their immediates supervisor / manager or to the CCO ass soon as possible. A supervisor / manager receiving a report must immediately communicate the information to the CCO through the whistle-blower channel. Each year the CCO asks subsidiary compliance officers, managers and Finance and Administrative Managers to certify there have been no breaches of the Policy. The CCO must report all potential violations of the Policy or applicable anti-bribery and anti-corruption laws to the Chair of the Audit Committee. The Audit Committee, i



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Business Ethnics & Transparency	SASB EM-MM-510a.2	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	O metric tons saleable  None of our production is in countries in the bottom 20 ranks of the 2022 Corruption Perceptions Index.
Tailings Storage Facilities & Management	SASB EM-MM-540a.1	Tailings storage facility inventory table: (1) facility name, (2) location, (3) ownership status, (4) operational status, (5) construction method, (6) maximum permitted storage capacity, (7) current amount of tailings stored, (8) consequence classification, (9) date of most recent independent technical review, (10) material findings, (11) mitigation measures, (12) site-specific EPRP	Fortuna's Tailings Storage Facility Table can be found in the Tailings Storage Facilities Management section of the 2022 Sustainability Report.
Tailings Storage Facilities & Management	SASB EM-MM-540a.2	Summary of tailings management systems and governance structure used to monitor and maintain the stability of tailings storage facilities	The Sustainability Committee of the Board provides oversight of tailings management and the Senior Vice President Sustainability, who reports to the CEO, has Executive-level responsibility for tailings management as the Accountable Executive (AE).  In 2022, Fortuna hired a Corporate Director for Water and Tailings management, as the Corporate Responsible Tailings Facility Engineer (CRTFE) to provide oversight of TSF projects and technical guidance to operations for all water and tailings related matters. All operating sites have appointed a Responsible Tailings Facility Engineer (RTFE).  Engineers of Records (EORs) from reputable consulting firms have been providing design, construction and performance reviews, operational support, annual performance reports, construction records reports for our operating TSFs and TSF currently under construction at Séguéla. EORs visit our operating sites a minimum of once per year.  An Independent Tailings Review Board (ITRB) will be formed in 2023 to provide senior independent review of the planning siting, design, construction, operation, maintenance, monitoring, performance, risk management for the TSF lifecycle. The ITRB will provide non-binding technical advice on technical and governance aspects.  The Country Heads / General Managers are accountable for tailings management at the site level. These positions report to the Vice President Operations and/or Chief Operating Officers (COOs) of West Africa and Latin America, who report to the CEO.  Three Policies, which are approved by the Board, govern Tailings Storage Facilities Management: Environmental Policy, Health and Safety Policy and Community Relations Policy. At the end of 2022, Fortuna published its Global Industry Standard on Tailings Management (GISTM) position statement. The position statement outlines the company's safe tailings management commitments, progress on the implementation of the GITSM guidance and future plans to ensure proactive implementation of the GITSM guidance.  Our TSF Technical Standard is cur
Tailings Storage Facilities & Management	SASB EM-MM-540a.3	Approach to development of Emergency Preparedness and Response Plans (EPRPs) for tailings storage facilities	All of our operating mines have an Emergency Preparedness and Response Plan (EPRP). Our thorough EPRPs encompass bigger risk items on what to do in case of mining, plant or maintenance accidents, environmental spills or an unforeseen issue with our TSFs. EORs provide detailed, site-specific plans developed to identify hazards of the TSFs and assess capacity internally and externally to respond. Operations prepare and practice for emergencies and how to respond to them every two years for TSFs with Consequence Classification "High and above" and every five years for "Significant or lower". EPRPs and OMS manuals are also updated yearly.  Emergency levels and communication protocols along with our detailed EPRPs have been shared and communicated with our employees, contractors, public sector agencies, first responders, local authorities and institutions for transparency and improved response time if required. Our EPRP will be updated according to GISTM guidelines.
			See the Tailings Storage Facilities Management section in the 2022 Sustainability Report for more detail.



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Activity Metrics	SASB EM-MM-000.A	Production of (1) metal ores and (2) finished metal products	In 2022, Fortuna's production of metal ores was 7,620,491 metric tons saleable. 2022 production by product type is also included below.  Silver Moz 6.91 Gold koz 259.43 Lead Mib 34.59 Zinc Mib 46.18
Activity Metrics	SASB EM-MM-000.B	Total number of employees, percentage	For more details about the Company, see the About Fortuna Silver Mines section in the 2022 Sustainability Report.  2,174 employees, 47% contractors
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