

ESG Data (Yr. 2020)		Juanicipio Project		
Category	Metric	Unit	2020	Comments
Environment				
GHG Emissions	Total GHG emissions (Scope 1 & 2) to revenue	tCO ₂ /USDm	N/A	Juanicipio is not in commercial production (See footnote 1)
	Total GHG emission to production	tCO ₂ /e	N/A	Juanicipio is not in commercial production (See footnote 1)
	Total GHG emission to tonnes processed	tCO ₂ /kt	N/A	Juanicipio is not in commercial production (See footnote 1)
	Policy to reduce emissions?		Yes	The Sustainability Policy of Fresnillo, the operator of Juanicipio, applies. TCFD analysis completed by both Fresnillo (2020) and MAG Silver (2021). Fresnillo's evaluation of its Energy Strategy shows that it is technologically viable to support a decarbonisation pathway in the 2021-2030 period. However, the regulatory uncertainty on renewables in Mexico makes it impractical to set a specific decarbonisation target at this point.
	Targets to reduce emissions?		Yes	Fresnillo plc, the operator of Juanicipio, has a goal to source 75% of renewable power by 2030 (currently 53%)
Air Quality	Non-GHG air emissions program?		Yes	Juanicipio has an air quality monitoring program. Dust concentration of PM ₁₀ and PM _{2.5} are analyzed at an external lab.
	Policy to improve NOx and SOx emissions?	N/A	No	At present Juanicipio does not calculate NOx and SOx
	Policy to improve VOC or particulate emissions?	N/A	No	At present Juanicipio does not calculate VOC or particulate emissions
Energy Management	Total energy use to revenue	GJ/USDm	N/A	Juanicipio is not in commercial production (See footnote 1)
	Total energy use to production	Gj/kct	N/A	Juanicipio is not in commercial production (See footnote 1)
	Renewable energy use ratio	%	86	During construction, Juanicipio is connected to Saucito Mine, which sources its renewable energy largely from the Coahuila Wind Farm
Water & Wastewater management	Total freshwater use to revenue	m ³ /USDm	N/A	Juanicipio is not in commercial production (See footnote 1)
	Total freshwater use to production	m ³ /tonnes	N/A	Juanicipio is not in commercial production (See footnote 1)
	Freshwater recycled	%	N/A	During 2020, Juanicipio used 130,966m ³ of wastewater from the municipality of Fresnillo to reduce the use of freshwater. Juanicipio's freshwater consumption equals 3% of the total water consumption.
Waste & Hazardous Materials Management	Total waste (incl. tailings) to revenue	t/USDm	N/A	Juanicipio is in construction and not in commercial production (See footnote 1). No tailings deposited at Juanicipio.
	Total waste (incl. tailings) to production	t/tonnes	N/A	Juanicipio is in construction not in commercial production (See footnote 1). No tailings deposited at Juanicipio.
	Tailings waste recycled	%	N/A	Juanicipio is in construction and not in commercial production (See footnote 1). No tailings deposited or recycled at Juanicipio.
	Independent tailings review?		Yes	Yes. Fresnillo has established Independent Tailing Review Panel (ITRP) that reviews operations, standards and installations of tailings storage facilities. The Juanicipio TSF has an engineer of record.
	Cyanide Use		No	
Ecological impacts	Environmental management team in place		Yes	
	Environmental Management System externally certified		No	ISO 14001 environment system implementation in process
	Environmental Reclamation Bond?		Yes	Juanicipio has posted an environment surety bond that is updated annually.
	Policy to reduce impact on biodiversity?		Yes	Part of Sustainability Policy of Fresnillo, the operator of Juanicipio, and also MAG Silver's Health, Safety, Environment and Social Responsibility Policies. Juanicipio's biodiversity program has: relocated over 42,500 plants (from cactus and desert scrub families) from 10 hectares of land, reforested of 14 hectares with over 6,500 nursery plants, capture and released over 30 reptiles and mammals, and constructed ditches and barriers on 32 hectares of land to retain 4,680 tons of soil.
	Major environmental incidents reported?		No	
	Policy on environmental impact in supply chain?		No	
Social				
Human Rights & Community Relations	Policy on human rights?		Yes	It is included in Sustainability Policy of Fresnillo, the operator. MAG Silver has also developed its Human Rights Policy.
	Policy on Diversity, Equity and Inclusion?		Yes	Fresnillo plc, the operator, has a Policy on this matter. MAG Silver published its Diversity, Equity and Inclusion Policy in 2021.
	Targets on diversity and opportunity?		Yes	Fresnillo plc, the operator of Juanicipio, goal is to increase the overall representation of women from 10% to 12% by 2025 and to challenge the glass ceiling at the operating manager and superintendent level, raising the percentage of women in these roles from 2% to 8% by 2025.
	Whistleblower protection?		Yes	Fresnillo plc has a third-party 24/7 Whistleblower Hotline. MAG Silver has a Whistleblower Protection Policy and a third-party 24/7 Whistleblower Hotline.
Community Relations	Total donations to revenue	%	N/A	Juanicipio is not in commercial production (See footnote 1) however in 2020 US\$44K was spent on community investments.
	Agreements in place with artisanal miners, if any?		No	There are no artisanal miners in the area.
	Formal Agreements with communities or other organizations?		Yes	Juanicipio has two signed agreement with Fresnillo City Council for the development of microenterprises or productive projects.
	Community Investment and Development Initiatives		Yes	Family gardens, backyard poultry, sustainable carpentry workshop, nopal cactus harvesting, "the school is ours" infrastructure program, CETLAR education support, baking and pastry workshop, sewing workshop, artisanal stone workshop, hair salon and barber, and the manufacturing of cleaning products
	Operation-specific responsibility for community relations?		Yes	Juanicipio has a community relations team who conduct assessments and provide support to communities of interest. Deer Trail Project has a site administrator who has responsibility for implementing HSEC programs.
Labour Practices	National employees	%	100%	
	Supplier ESG training provided?		No	
	Strikes reported?		No	
Health & Safety	Lost time injury frequency rate (LTIFR)	Per 1M hrs	9.45	LTIFR for every 1,000,000 hours worked, includes employees and mining and construction contractors
	No. of employee fatalities		0	2020:0 2019:0
	No. of contractor fatalities		0	2020:0 2019:0
	Total no. of fatalities		0	
	Health and safety training provided for workforce?		Yes	I Care, We Care, High Potential Incidents and Critical Controls programs
	Health and safety training provided for supply chain?		No	
Governance				
Business Ethics	Independent board members	%	7	Fresnillo plc Board of Directors; MAG Silver 2021: 7 of 8 Directors independent
	Female workforce	%	6	Employees and mining contractors at Juanicipio
	Female managers	%	0	
	Female executive members	%	0	
	Female board members	%	33	Fresnillo plc Board of Directors; MAG Silver 2021: 37.5% (3 of 8 Directors)
	Policy on executive compensation for ESG performance?		No	
	Policy on bribery and corruption?		Yes	Fresnillo has an Anti-Bribery, Anti-Corruption Policy and Supplier Code of Conduct; MAG Silver has Code of Business Conduct and Ethics and Commitment to Anti-Bribery Conduct
UN Global Compact signatory?		Yes	Fresnillo Plc, the operator of Juanicipio, is a participant since 2009	

The Juanicipio Project has not reached commercial production as of December 31, 2020 as we are currently constructing and developing the surface and underground infrastructure on the property to support a 4,000 tonnes per day mining operation, with the operational expertise of our JV partner, Fresnillo plc.