

2020 ESG DATA SUMMARY

This document provides an overview of key Environmental, Social & Governance key performance indicators for First Quantum Minerals Limited. The data relates to each given calendar year.

In addition to the data presented for the 2020 calendar year, some historic data has been restated. The Company will restate data when more accurate figures are available, such as the publication of updated coefficients used in the calculation of emissions figures or updated methodologies to improve accuracy.

KPI	Units	2018	2019	2020
Environmental policy (Y/N)	Policy	Y	Y	Y
Climate Change¹				
Scope 1 Emissions	Metric kilotonnes of CO ₂ equivalents	1,612	3,272	3,732
Scope 2 Emissions	Metric kilotonnes of CO ₂ equivalents	250	424	527
Energy consumption	TJ	16,162	20,328	23,096
Energy consumption from renewable sources	TJ	8,817	8,755	8,410
Energy consumption from non-renewable sources	TJ	7,345	11,573	14,686
Non-renewable energy (electricity, heating & cooling) sold	TJ	- ²	2,104	1,502
Biodiversity				
Sites assessed for biodiversity importance	Number	5	5	5
Sites with biodiversity management plans	Number	5	5	5
Sites used for production, extraction or plantation activities	Number	8	8	8
Total land disturbed³	Hectares	15,146	15,567	20,595

1 Climate change data includes CO₂ equivalents from all First Quantum projects, operating sites, closed properties and supporting offices

2 Cobre Panama did not sell any power in 2018

3 This figure refers to total cumulative disturbance



KPI	Units	2018	2019	2020
Air/Emissions				
Nitrogen oxides (NO_x) emissions⁴	Metric tonnes	1,048	2,196	2,694
Sulphur dioxide (SO₂) emissions	Metric tonnes	6,331	6,931	8,242
Particulate matter (PM) emissions	Metric tonnes	476	415	315
Waste				
Total waste generated	Metric tonnes	289,626,872	335,226,699	323,850,680
Mining waste generated⁵	Metric tonnes	289,516,224	335,080,589	323,705,431
Hazardous waste generated	Metric tonnes	8,861	9,210	7,406
Non-hazardous waste generated	Metric tonnes	101,786	136,901	137,843
Hazardous waste recycled	Percent	61%	52%	36%
Non-hazardous waste recycled	Percent	26%	15%	7%
Hazardous and non-hazardous waste incinerated	Percent	2%	1%	2%
Hazardous and non-hazardous waste landfilled	Percent	69%	81%	78%
Water^{6 7}				
Total water withdrawal	Megalitre	273,464	694,601	706,588
Water withdrawal: municipal water and other industrial users	Megalitre	811	1,160	1,741
Water withdrawal: fresh surface water	Megalitre	85,682	200,706	189,056
Water withdrawal: sea water	Megalitre	143,144	447,159	474,277
Water withdrawal: groundwater	Megalitre	43,827	45,576	41,514
Total water discharge	Megalitre	274,021	705,586	717,567
Water discharge: municipal water and other industrial users	Megalitre	35	25	34
Water discharge: fresh surface water	Megalitre	42,529	157,593	134,217
Water discharge: sea water	Megalitre	147,666	450,762	472,512
Water discharge: groundwater	Megalitre	27,765	24,110	30,718
Water discharge: evaporative loss, product loss and waste loss	Megalitre	56,026	73,097	80,085
Sea water withdrawal	Percent	63%	69%	71%
Fresh water withdrawal	Percent	37%	31%	29%
Water reused	Percent	65%	66%	67%
Percentage of fresh water sourced from regions with high or extremely high baseline water stress⁸	Percent	0.3%	0.1%	0.8%

4 This figure is inclusive of NO₂ emissions

5 Includes tailings solids, waste rock, overburden, slag, waste treatment solids and beneficiation rejects

6 All water data represents our operating sites only

7 All withdrawal, discharge and re-use has been measured in accordance with the Water Accounting Framework (WAF) for the Minerals Industry (Minerals Council of Australia, 2014)

8 Source: WRI Aqueduct, accessed on 30 March 2021 at www.aqueduct.wri.org



KPI	Units	2018	2019	2020
Labour Management				
Employee turnover rate	Percent	5%	5%	24% ⁹
Female share of total workforce (%)	Percent	9%	10%	10%
Occupational Health & Safety				
Total fatalities	Number	2	0	0
Employee fatalities	Number	0	0	0
Contractor fatalities	Number	2	0	0
Near miss frequency rate (NMFR)	Per 200,000 hours worked	197	231	158
NMFR - Employees	Per 200,000 hours worked	242	281	192
NMFR - Contractors	Per 200,000 hours worked	127	152	92
Total recordable injury frequency rate (TRIFR)	Per 200,000 hours worked	0.28	0.31	0.32
TRIFR - Employees	Per 200,000 hours worked	0.26	0.35	0.38
TRIFR - Contractors	Per 200,000 hours worked	0.35	0.26	0.21
Lost time injury frequency rate (LTIFR)	Per 200,000 hours worked	0.06	0.05	0.06
LTIFR - Employees	Per 200,000 hours worked	0.05	0.05	0.07
LTIFR - Contractors	Per 200,000 hours worked	0.09	0.05	0.03
Governance				
Board tenure	Years	11	11	12
Women on the Board	Percent	22%	25%	22%
Code of conduct (Y/N)	Y/N	Y	Y	Y
Code of conduct - completion of online training	Percent	–	88%	94%

⁹ The voluntary turnover in 2020 was 2.9%, while the involuntary turnover was 20.9%. A significant reduction in the Cobre Panama workforce was required during 2020 due to Cobre Panama operations being placed on preservation and safe maintenance for much of the second quarter, as a result of a temporary suspension of labour activities order by the Panamanian Ministry of Health in response to the COVID-19 pandemic. Cobre Panama ramped back up to full production levels in August 2020.





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