

# Environmental, Social & Governance (ESG) Metrics

In 2020, Pretivm achieved its third full year of steady-state production at the Brucejack Mine. Below are ESG metrics which Pretivm commits to building on in future years of operations.

Topic	Metric	2020	2019	2018
<b>Social</b>				
Workforce	Number of employees (direct employment) <sup>1</sup>	853	763	619
	Brucejack Mine site (incl. Smithers Warehouse)	810	Note B	Note B
	Vancouver corporate office	43	Note B	Note B
	Residents of British Columbia (%) <sup>1</sup>	90	91	94
	Residents of Northwest British Columbia (%) <sup>1</sup>	45	51	58
	Indigenous (%) <sup>1</sup>	30	30	34
	Women (%) <sup>1</sup>	17	16	17.4
	Number of contractors	558	348	280
	Residents of British Columbia (%)	43	54	50
	Indigenous (%)	15	20	16
	Employee turnover (number of employees who were terminated or resigned) <sup>1</sup>	151	139	146
	Men (%) <sup>1</sup>	81	88	78
	Women (%) <sup>1</sup>	19	12	22
	Under age 30 (%) <sup>1</sup>	27	24	34
	30 to 50 years of age (%) <sup>1</sup>	52	47	47
	Over 50 years of age (%) <sup>1</sup>	21	29	19
	Number of new hires	415	404	327
Training & Development	On-site training programs offered (# of programs)	58	26	37
	Total training hours provided	25,491	Note B	Note B
	Average hours of training per year per employee	29.9	Note B	Note B
	Performance reviews conducted (% of employees)	88	92	84

Topic	Metric	2020	2019	2018
Health & Safety	Lost Time Injury Frequency Rate (LTIFR)	0.44	0	0.38
	Near Miss Frequency Rate (NMFR)	9.49	18.57	15.82
	Fatalities	1	0	1
	Emergency Response Team (# of members)	93	93	83
	Annual investment in on-site health clinic (millions CAD)	\$2.0	\$1.6	\$1.3
	Visits to the on-site health clinic (# of visits per month)	253	395	400
<b>Governance</b>				
Governance	Code of Business Conduct and Ethics violations reported	0	0	0
	Community donations and sponsorships (CAD)	\$402,306	\$436,801	\$103,087
	Donations to political parties (CAD)	\$0	\$0	\$0
	Women on the senior management team (%) <sup>1</sup>	19	20	12
<b>Environmental</b>				
Management	Employees in environmental roles (#)	26	26	27
	Environmental management plans (#)	26	23	23
	Internal environmental inspections on-site (#)	573	545	640
	External and independent environmental inspections on-site (#)	1	11	12
Energy & Emissions	Energy consumption (gigajoules) (renewable and non-renewable sources)	959,775	762,268	623,152
	Energy from renewable sources (%)	46	56	60
	Energy from non-renewable sources (%)	54	44	40
	Total electrical power use (gigajoules)	464,735	Note B	Note B
	Energy intensity (gigajoule per ounce of gold)	2.76	2.15	1.66
	Direct Scope 1 greenhouse gas emissions (tonnes of CO <sub>2</sub> )	28,668	17,751	17,986
	Scope 2 greenhouse gas emissions (tonnes of CO <sub>2</sub> ) <sup>2</sup>	4,893	3,574	2,608
	GHG emissions intensity (tCO <sub>2</sub> e per oz of gold)	0.097	0.060	0.055
	CO emissions (tonnes)	180	140	93
	NO <sub>x</sub> emissions (tonnes)	648	558	466
	SO <sub>x</sub> emissions (tonnes) <sup>2</sup>	42.0	36.6	30.9
	VOC emissions (tonnes)	51	45	38
	HAP emissions (tonnes)	2,343	3,018	1,827
	Total particulate matter (tonnes)	1,277	874	302
	Air discharge non-compliances	0	0	0

Topic	Metric	2020	2019	2018
Water	Water withdrawal by source (cubic metres)	1,363,940	1,191,582	1,015,667
	Groundwater withdrawn, potable (cubic metres)	32,320	28,531	25,695
	Groundwater withdrawn, mine dewatering (cubic metres)	574,348	511,746	461,461
	Surface water (cubic metres)	757,272	651,305	528,511
	Total water discharged (cubic metres)	1,138,484	971,775	781,294
	Treated (cubic metres)	443,205	211,516	280,125
	With tailings (cubic metres)	695,279	760,259	501,169
	Total volume of water recycled and reused (cubic metres)	1,075,586	1,031,509	921,071
	Water recirculated in the mill process (%)	66	66	69
	Exceedances of water quality discharge limits (#)	0	0	1
	Water and environmental samples analyzed (#)	1,854	1,943	1,519
Spills	Reportable spills	6	12	5
	Aggregate quantity of reportable spills (liters)	2,206	Note B	Note B
	Fully recovered spills (%)	86.3	Note B	Note B
	Spill response training (hours)	407	528	1,735
Effluents & Waste	Waste rock disposed in Waste Rock and Tailings Storage Facility (tonnes)	720,000	751,000	672,035
	Tailings disposed in Waste Rock and Tailings Storage Facility (dry metric tonnes)	797,000	783,000	565,580
	Non-hazardous waste produced at site (tonnes)	2,198	Note B	Note B
	Non-hazardous waste incinerated at site (%)	10	Note B	Note B
	Non-hazardous waste landfilled (%)	51	Note B	Note B
	Non-hazardous materials recycled off-site (%)	39	Note B	Note B
	Non-hazardous waste disposed off-site (tonnes)	1,113	987	867
	Hazardous waste disposed off-site (tonnes)	614.2	390.0	210.0
	Consumption of gasoline (L)	272,184	299,082	343,106
	Consumption of diesel (L)	8,675,341	7,354,170	6,672,653
Total fuel consumption by fleet vehicles (L)	7,035,650	Note B	Note B	
Progressive Reclamation	Revegetation efforts to date (hectares)	92.97	92.35	90.0
	Revegetation efforts in reporting year alone (hectares)	0.62	2.35	2.75

Topic	Metric	2020	2019	2018
<b>Economic</b>				
Production	Ore processed (tonnes)	1,307,483	1,303,001	1,005,603
	Average throughput (tonnes per day)	3,572	3,570	2,755
	Gold produced (ounces)	347,743	354,405	376,012
	Silver produced (ounces)	472,163	516,977	422,562
Revenues & Expenditures	Expenditure on wages and benefits (millions CAD)	\$115.9	\$89.4	\$67.9
	Expenditure on wages and benefits in Northwest British Columbia (millions CAD)	\$33.0	\$33.1	\$24.6
	Revenue generated (millions USD)	617.6	484.5	454.6
	Expenditure on contractors and service providers (millions USD)	\$102.4	\$95.5	\$100.9
	Provincial taxes paid (including property tax and BC Mineral Tax) (millions CAD)	\$10.1	\$7.4	\$9.2
	Taxes paid to the District of Stewart and Town of Smithers (millions CAD)	\$0.2	\$0.2	\$0.2
	Payments made to Indigenous partners (millions CAD)	\$0.86	\$1.20	\$0.60
	Procurement spend (goods and services) (millions CAD)	\$367.3	\$333.5	\$315.6
	Procurement spend (goods and services) in Northwest British Columbia businesses (millions CAD)	\$45.7	\$39.7	\$75.0
Anti-Corruption	Governance body members that the organizations anti-corruption policies and procedures have been communicated to (%)	100	100	Note A
	Employees that the organizations anti-corruption policies and procedures have been communicated to (%)	100	99	Note A

Note A: Not recorded

Note B: New metric reported as of 2020

<sup>1</sup>Includes numbers for Vancouver Corporate office as of 2020

<sup>2</sup>2019 and 2018 numbers updated based on new calculations since last report

<sup>3</sup>GRI identifies specific metrics as recommendations but the reporter decides disclosures and applicability