

SUSTAINABILITY ACCOUNTING STANDAR BOARD – SASB

Extractives & minerals processing sector - construction materials



SASB is an independent non-profit organization that sets standards to guide the disclosure of financially material sustainability information by companies to their investors.

This is the first time that Cementos Argos reports using SASB guidelines, nevertheless, most of the metrics included in this document have been reported by the organization for several years under the GRI standard.

The following table lists the subset of environmental, social and governance (ESG) issues that are most relevant to the financial performance of construction materials companies:

TOPICS	CODE	ACCOUNTING METRIC	2017	2018	2019	2020
Greenhouse gas emissions	EM-CM-110a.1	Gross global Scope 1 emissions (t CO ₂) <small>* Greenhouse gases included in the calculation: This indicator includes only CO₂ emissions, since emissions of other greenhouse gases are not significant in the cement production process. In addition, the CO₂ and Energy Accounting and Reporting Standard for the Cement Industry is limited only to the CO₂ inventory (see: "The Cement CO₂ and Energy Protocol - CO₂ and Energy Accounting and Reporting Standard for the Cement Industry. World Business Council for Sustainable Development (WBCSD) - Cement Sustainability Initiative (CSI), 2011. Available at: http://www.cement-co2-protocol.org/v3/).</small>	8.167.887	8.298.395	8.713.631	7.772.778
		Percentage covered under emissions-limiting regulations (%)	1,3	1,34	1,35	1,3
	EM-CM-110a.2	Discussion of long-term and short-term strategy Analysis of performance against those targets	Integrated Report, Climate change p. 114 - 117; TCFD Table: https://bit.ly/2OJVNUe			
Air quality	EM-CM-120a.1 <small>These emissions were quantified with continuous monitoring systems (CMS) and isokinetic sampling</small>	Absolute NO _x emissions (t NO _x)	12.823	12.213	11.190	11.572
		Absolute SO ₂ emissions (t SO ₂)	5.194	3.624	4.000	3.319
		Absolute Particulate matter emissions (t) The data refers to particulate material emissions under the EPA #5 method "Particulate matter emissions determination in stationary sources"	1.897	980	991	751
		PCDD/F (mg PCDD/γ) absolute emissions	76	71	149	55
		VOC/THC absolute emissions (t VOC/THC)	325	275	355	214

		HG (kg Hg/y) absolute emissions	243	226	283	226
		HM1 (Cd + Tl) absolute emissions (kg HM1)	45	36	31	18
		HM2 absolute emissions (Sum of Sb, As, Pb, Cr, Co, Cu, Mn, Ni, V) (kg HM2)	3.684	1.312	1.204	3.684
Energy management	EM-CM-130a.1 *Values calculated with lower heating value (LHV)	Total energy consumption within the organization (GJ)	45.368.302	45.742.995	47.685.450	41.253.086
		Percentage alternative (%)	3,8%	3,8%	4,2%	4,7%
		Percentage grid electricity (%)	5,36	8,15	7,06	6,50
		Percentage renewable (%)	Currently, we do not have purchase agreements (PPA) that explicitly include renewable energy certificates (RECs) or Guarantees of Origin (GOs), a Green-e Energy Certified utility or supplier program, or other green power products that explicitly include RECs or GOs, or for which Green-e Energy Certified REC are paired with grid electricity, therefore we are not able to report the metric according to the standard guideline.			
Water management	EM-CM-140a.1.	Total fresh water withdrawn (m3/y)	13.736.062	11.458.117	12.437.309	10.058.363
		Total fresh water withdrawn (1000m3/y)	13.736	11.458	12.437	10.058
		Percentage recycled (%)	96	120	120	143
		Total withdrawal Areas of Water Stress (m3/y)	-	643.993	451.674	407.310
		% Water withdrawal in Areas of Water Stress	-	5,62	3,63	4,05
		Total water consumption in All Areas (m3/year)	9.196.217	7.072.756	6.519.570	5.471.151
		Percentage of water consumption in Areas of Water Stress (%)			6,79	7,09
Waste management	EM-CM-150a.1. These metrics are aligned with the GRI indicator 306-2. Reported percentages are aligned as per DJSI indications	Amount of waste generated (t/y)	326.489	212.226	265.068	143.816
		Hazardous waste (t/y)	789	1.585	847	418
		Reuse / Recycling / Recovery waste (t/y)	107.560	97.675	106.896	84.725
		Percentage hazardous (%)	0,2	0,7	0,3	0,3

		Percentage recycled (%)	33	46	40	59
Biodiversity impacts	EM-CM-160a.1	Description of environmental management policies and practices for active sites	Integrated report: Ecosystems p. 120 - 124 Successful case: https://bit.ly/3rK86i2			
	EM-CM-160a.2	Percentage of impacted area restored	80,2	84,8	87	81
Workforce health & safety	EM-CM-320a.1.	Lost-Time Injury Frequency Rate (LTIFR)	1,16	0,93	1,34	1,33
		Lost-Time Injury Frequency Rate (LTIFR) - Employees	1,51	1,21	1,57	1,35
		Lost-Time Injury Frequency Rate (LTIFR) - Contractors	0,71	0,63	1,04	1,34
	EM-CM-320a.2	Number of reported cases of silicosis	0	0	0	0
Pricing integrity & transparency	EM-CM-520a.1.	Total amount of monetary losses as a result of legal proceedings associated with cartelization activities, price fixing, and anti-trust activities (COP - Colombian Peso)	0	74.694.700.000	0	0
Product Innovation	EM-CM-410a.1	Percentage of products that qualify for credits in sustainable building design and construction certifications	We are currently carrying out an update of our product portfolio. We will report this metrics as soon as this process is completed.			
	EM-CM-410a.2	Total addressable market and share of market for products that reduce energy, water, and/or material impacts during usage and/or production	We are currently carrying out an analysis on how to integrate the new LEED standard (version 4.1) to estimate the revenues for products that reduce environmental impacts and that apply for credits in sustainable building design and construction certifications. The metric will be updated as soon as this process is complete.			