

Sustainability Accounting Standards Board (SASB) Content Index



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The Sustainability Accounting Standards Board (SASB) is an independent nonprofit organization that sets standards to guide the disclosure of financially material sustainability information by companies to their investors. SASB Standards identify the subset of environmental, social, and governance (ESG) issues most relevant to financial performance in 77 industries. The SASB Standards focus on financially material issues because their mission is to help businesses around the world report on the sustainability topics that matter most to their investors.

Although there is much environmental, social, governance (ESG) and sustainability information disclosed publicly, often it can be difficult to identify and assess which information is most useful for making financially-related decisions. SASB identifies financially material issues, which are the issues that are reasonably likely to impact the financial condition or operating performance of a company and therefore are most important to investors. The material issues identified by SASB for the Construction Materials sector are:

- GHG emissions
- Air quality
- Energy management
- Water and wastewater management
- Waste and hazardous materials management
- Ecological impacts
- Employee health and safety
- Product design and lifecycle management
- Competitive behaviour

AIR: [Annual Integrated Report 2020](#)

SPR: [Sustainability Performance Report 2020](#)

Web: [External website - www.lafargeholcim.com](http://www.lafargeholcim.com)

SASB ref	Description	AIR	SPR	Web	Page, comment, performance
Greenhouse gas emissions					
EM-CM-110 a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations			X	We report this in our annual disclosure to the CDP. We post our annual disclosures on our website on our " Additional ESG Resources " page. In our 2020 submission (reflecting 2019 data) we list all carbon pricing regulations which impact our operations and the % of scope 1 and scope 2 emissions covered by the regulations. See sections C11.a and C11.b starting on page 42.

EM-CM-110 a.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	X	X	X	AIR: Pages 23; 55 - 59 SPR: Pages 3; 5 Website: Net zero pages
Air Quality					
EM-CM-12 0a.1	Air emissions of the following pollutants: <ul style="list-style-type: none"> • NOx (excluding N2O), • SOx, • Particulate matter (Dust-(PM10), • Dioxins/furans, • Volatile Organic Compounds (VOCs), • Polycyclic aromatic hydrocarbons (PAHs), • Heavy metals 		X	X	SPR: Pages 10 & 11 Website: This document. We report annually on all the emissions with the exception of Polycyclic aromatic hydrocarbons (PAHs) in our Sustainability Performance Report. We report not only absolute emissions of these substances but also specific emissions by both clinker and cementitious material. The only PAH we consider material and measure is Benzene, and this is measured as required by the Global Cement and Concrete Association. Our measurement of Benzene emissions in 2020 were: Total benzene emissions (tons) - 276 Specific Benzene emissions: <ul style="list-style-type: none"> • Grams / ton clinker - 2.2 • Grams / ton cementitious - 1.5
Energy management					
EM-CM-13 0a.1	Total energy consumed,		X	X	SPR: page 6 Website: This document Cement total energy consumption: 528 M Gj Other segments thermal energy: 75 M Gj Other segments electrical energy: 4 M gj Total energy consumed: 607 M Gj
EM-CM-13 0a.1	Percentage grid electricity,			X	Website: This document 79% of 2020 electricity consumption in the cement segment was from the grid
EM-CM-13 0a.1	Percentage alternative energy		X		SPR :page 6 <ul style="list-style-type: none"> • Thermal energy % of alternative fuels (excluding biomass) 14% • Thermal energy % biomass - 7% • Total Thermal Substitution rate - 21%

EM-CM-13 0a.1	Percentage renewable		X		<p>SPR: page 6</p> <p>Measured for Cement sector: In 2020 we consumed 463 M Gj of thermal energy for clinker production. Of this 33 M Gj (7%) was biomass fuels. We consumed 65 M Gj of electrical energy, of which 11 M Gj (17%) was renewable.</p> <p>Total energy consumed was 607 M Gj, Total renewable energy consumed was 44 M Gj (7.2%)</p>
Water and wastewater management					
EM-CM-14 0a.1	Total fresh water withdrawn		X		<p>SPR page 7</p> <p>We report water withdrawn from a number of sources for all segments and for Captive Power Plants separately.</p>
EM-CM-14 0a.1	Percentage recycled		X		<p>SPR page 7</p> <p>We do not currently measure the volume of water recycled - we measure the number of sites equipped with a water recycling system.</p>
EM-CM-14 0a.1	Percentage in regions with High or Extremely High Baseline Water Stress	X	X		<p>SPR page 6</p> <p>AIR page 63</p> <p>We measure and report on the number of sites located in medium to extremely high risk water risk areas according to the WRI Aqueduct tool. The concept of water risk includes not only water stress but also water quality, regulatory and reputational risks. In 2020, 23% of all our sites (cement, aggregates and ready mix) were located in such areas. In the cement segment 54% of sites are located in such areas.</p>
Waste management					
EM-CM-15 0a.1	<ul style="list-style-type: none"> ● Waste generated ● % hazardous waste ● % recycled 		X		<p>SPR page 5</p> <p>In 2020 we generated a total of 0.62 million tons of waste. Of this, 0.02 million tons (3%) was hazardous waste, and 0.26 million tons (42%) was recycled or recovered.</p>
Biodiversity impacts					
EM-CM-16 0a.1	Description of environmental management policies and practices for active sites			X	<p>Our management policies and practices are documented in our Quarry Rehabilitation and Biodiversity Directive</p>
EM-CM-16 0a.2	Terrestrial acreage disturbed, percentage of impacted area restored		X	X	<p>SPR page 10</p> <p>Website: This document</p> <ul style="list-style-type: none"> ● We report in our Sustainability Performance Report the total Hectares of rehabilitated area (14363 ha) ● Total ha of disturbed areas was 43433 ha ● Percentage restored - 25%

Workforce Health & Safety					
EM-CM-32 0a.1	<ul style="list-style-type: none"> Total recordable incident rate (TRIR) Near miss frequency rate (NMFR) <p>for full time employees and contract employees</p>		X	X	<p>SPR page 9 Website: This document: We report in our Sustainability Performance Report TIFR and OIFR, which are calculated with a denominator of 1M Hours, but added together cover 99% of the same scope as TRIR.</p> <p>2020 TRIR Employees - 0.81 (per 200 000 hours worked) 2020 TRIR Contractors onsite - 0.40 (per 200 000 hours worked)</p> <p>NMFR Employees and contractors - 17.4 (per 200 000 hours worked)</p>
EM-CM-32 0a.2	Number of reported cases of silicosis			X	<p>Website: This document: In 2020 we had 1 reported case of silicosis.</p>
Product Innovation					
EM-CM-41 0a.1	Percentage of products that qualify for credits in sustainable building design and construction certifications (% sales by revenue)				We do not currently collect this specific information. However, we collect data on our portfolio of Sustainable Solutions, which in 2020 amounted to 26% of net sales. The largest contributor was Low Carbon cements and concrete which amounted to 22.5% of net sales.
EM-CM-41 0a.2	Total addressable market and share of market for products that reduce energy, water, and/or material impacts during usage and/or production				We do not currently have this information.
Pricing Integrity & Transparency					
EM-CM-52 0a.1	Total amount of monetary losses as a result of legal proceedings associated with cartel activities, price fixing, and antitrust activities	X			AIR: pages 241 - 243 Detailed description of ongoing legal proceedings (including anti competition) is provided.
Activity metric					
EM-CM-00 0.A	Production by major product line		X		<p>SPR: page 4</p> <p>See “products and solutions” section for details of production per product line.</p>