

ADDITIONAL KEY

PERFORMANCE INDICATORS 2018

May 2019



LafargeHolcim

Indicator ¹	2018 performance
Environment	
Specific heat consumption of clinker production (MJ/tonne clinker)	3,518
Biomass fuel rate (%)	7
Alternative raw materials contained in concrete (%)	3
Alternative raw materials contained in asphalt (%)	21
Waste generated (tonnes)	2,087,568
Waste generated and recovered (tonnes)	879,857
BIRS ¹ implementation rate (%)	31
Specific freshwater consumption (L/t of product)	128
Environmental capital and operational expenditures (million CHF)	241
Extrapolated emissions	
Total dust emissions (tonnes) - extrapolated	17,658
Total NOx emissions (tonnes) - extrapolated	196,344
Total SO ₂ emissions (tonnes) - extrapolated	40,896
Total VOC emissions (tonnes) - extrapolated	8,781
Total Mercury emissions (tonnes) - extrapolated	2
Total Dioxins/Furans emissions (g TEQ) - extrapolated	3
Total Heavy Metals 1 ² emissions (tonnes) - extrapolated	2
Total Heavy Metals 2 ³ emissions (tonnes) - extrapolated	28
Specific emissions	
Specific dust emissions (g/tonne of clinker)	117
Specific NOx emissions (g/tonne of clinker)	1,296
Specific SO ₂ emissions (g/tonne of clinker)	270
Specific VOC emissions (g/tonne of clinker)	58
Specific Mercury emissions (mg/tonne of clinker)	10
Specific Dioxins/Furans emissions (ng TEQ/tonne of clinker)	21
Heavy Metals 1 - specific emissions (mg / tonne clinker)	10
Heavy Metals 2 - specific emissions (mg / tonne clinker)	183
Coverage rate	
Heavy Metals 1 - coverage rate (%)	89
Heavy Metals 2 - coverage rate (%)	88

¹ Biodiversity Indicator and Reporting System

² Heavy Metals 1: Sum Cd and Tl

³ Heavy Metals 2: Sum of Sb, As, Pb, Cr, Co, Cu, Mn, Ni, V

Health and Safety	
Number of fatalities per 10'000 directly employed	0.13
Number of fatalities (third party)	17
Number of lost time injuries (directly employed)	148
Total Number of lost time injuries	348
Economic	
Membership fees paid to trade and industry associations and chambers of commerce (million CHF)	19.8
Customer - Net promoter score	52.7

ⁱ Indicators reported to the same consolidation scope as the LafargeHolcim Sustainability Report 2018. See page 69 of the report for details.