

# ADDITIONAL KEY

# PERFORMANCE INDICATORS 2018

May 2019



LafargeHolcim

Indicator <sup>1</sup>	2018 performance
<b>Environment</b>	
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 <sup>1</sup> implementation rate (%)	31
Specific freshwater consumption (L/t of product)	128
Environmental capital and operational expenditures (million CHF)	241
<b>Extrapolated emissions</b>	
Total dust emissions (tonnes) - extrapolated	17,658
Total NOx emissions (tonnes) - extrapolated	196,344
Total SO <sub>2</sub> 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 <sup>2</sup> emissions (tonnes) - extrapolated	2
Total Heavy Metals 2 <sup>3</sup> emissions (tonnes) - extrapolated	28
<b>Specific emissions</b>	
Specific dust emissions (g/tonne of clinker)	117
Specific NOx emissions (g/tonne of clinker)	1,296
Specific SO <sub>2</sub> 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
<b>Coverage rate</b>	
Heavy Metals 1 - coverage rate (%)	89
Heavy Metals 2 - coverage rate (%)	88

<sup>1</sup> Biodiversity Indicator and Reporting System

<sup>2</sup> Heavy Metals 1: Sum Cd and Tl

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

<b>Health and Safety</b>	
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
<b>Economic</b>	
Membership fees paid to trade and industry associations and chambers of commerce (million CHF)	19.8
Customer - Net promoter score	52.7

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