

CEMEX Asphalt Responsible Sourcing KPI's 2016

Sustainability Principles	Performance Indicators	Unit of expression	Cemex 2017 level	Cemex Target 2017	Cemex Target 2020	
Environmental Management Systems	1.1 % of production sites covered certified EMS	% of production sites	100%	100%	100%	
Waste minimisation	1.2 Kg of waste to landfill as a proportion of production output	kg per te produced	2.1	2.4	2.0	
Emissions (excluding CO₂)	1.3 Number of enforcement notices, formal citations and successful prosecutions, per annum	Number per annum	0	0	0	
Quality & Performance	1.4 % of production sites covered by a UKAS certified 9001 quality management system	% of production sites (and absolute number compared to total)	100%	Maintain 100%	Maintain 100%	
Energy Efficiency	2.1 Energy used in production as a proportion of production output	kWh per te (total)	121.5	117.3	105.0	
CO₂ Emissions (Production)	2.2 CO ₂ emissions as a proportion of production output - directly from plant	kg CO ₂ per te	27.3	27.0	26.0	
CO₂ Emissions (Transport)	2.3a Average delivery distance travelled per tonne (including return journey)	km per tonne	Road	78.32	Maximise logistics efficiency to decrease fuel consumption to 7.83mpg	Maximise logistics efficiency to decrease fuel consumption to 8 mpg
			Rail	N/A	N/A	N/A
			Water	N/A	N/A	N/A
	2.3b Tonnes moved split by three modes: road, rail, inland barge	Tonnes moved by each mode	Road	1,316,902	Maximise logistics efficiency to decrease fuel consumption to 7.83mpg	Maximise logistics efficiency to decrease fuel consumption to 8 mpg
			Rail	N/A	N/A	N/A
			Water	N/A	N/A	N/A
	2.3c Average load for each mode	Tonnes per load by mode	Road	17.21	Maximise logistics efficiency to decrease fuel consumption to 7.83mpg	Maximise logistics efficiency to decrease fuel consumption to 8 mpg
			Rail	N/A	N/A	N/A
			Water	N/A	N/A	N/A
	2.3d CO ₂ emissions as a proportion of production output	kg CO ₂ per tonne per mode	Road	4.45	4.36	4.27
			Rail	N/A	N/A	N/A
			Water	N/A	N/A	N/A
2.3e CO ₂ emissions per tonne for incoming materials	kg CO ₂ per tonne per mode	Road	2.08	None Set	5% reduction	
		Rail	N/A	N/A	N/A	
		Water	N/A	N/A	N/A	
Materials Efficiency	3.1a Mass diverted from the waste stream for use as a % of total energy use	%	4.74%	N/A	N/A	
	3.1b % of additional cementitious materials used as a proportion of total cementitious used	%	N/A	N/A	N/A	
	3.1c Recycled/secondary aggregate use as a proportion of total aggregate use	%	1.04%	1.5%	2.00%	
	3.1d % of waste derived and recovered material as a proportion of total raw material used in the manufacture of	%	N/A	N/A	N/A	
Water	3.2a Mains water use as a proportion of production output	Litres per tonne	11.0	N/A	N/A	
	3.2b Controlled groundwater use as a proportion of production output	Litres per tonne	3.0	N/A	N/A	
Site Stewardship	3.3a Proportion of existing quarries that have restoration plans.	%	N/A	N/A	N/A	
	3.3b Proportion of sites that have or are linked to, biodiversity action plans.	%	N/A	N/A	N/A	
Health & Safety	4.1 Lost time injuries per 1,000,000 hours worked (direct employee only)	LTI's per 1,000,000 hours worked (direct employees only)	0.00	0	0	
Employment & Skills	4.2a % of employees covered by UKAS certified ISO9001/ ISO 14001/ OHSAS 18001 systems (Training & Competence)	% of employees	100%	100%	Maintain 100%	
	4.2b % of employees covered by UKAS certified ISO9001/ ISO 14001/ OHSAS 18001 systems (Training & Competence)	% of employees covered by UKAS 9001/14001 systems	100%	Maintain 100%	Maintain 100%	
	4.2c Hours of training per employee	Hours completed per employee	22.1	None Set	None set	
Local Community	4.3 % of relevant production sites with community liaison activities (supplemented by 1.3)	% of relevant production sites (and absolute number compared to total)	100%	Establish as relevant	Establish as relevant	
	4.3b Provide support for local community charities and projects	Number of lend a hand days completed	71	All employees to complete 1 lend a hand day per year	All employees to complete 1 lend a hand day per year	
	4.3c Profile within the community that the sites are located	Number of complaints received	8	0	0	

