

Rail Responsible Sourcing KPI's

2017

Sustainability Principles	Performance Indicators	Unit of expression	Cemex 2017 level	Published 2017 sector performance	Sector Target 2020	Cemex 2017 Target	Cemex Target 2020	Sector adherence
Environmental Management Systems	1.1 % of production sites covered certified EMS	% of production sites	100%	91%	95%	Maintain 100%	Maintain 100%	Sector Target fully aligned
Waste minimisation	1.2 Kg of waste to landfill as a proportion of production output	kg per te produced	0.28	1.40	10% Reduction (1.58)	0.23	0.20	Sector Target fully aligned
Emissions (excluding CO₂)	1.3 Number of enforcement notices, formal cautions and successful prosecutions, per annum	Number per annum	0.00	0.00	0.00	0.00	0.00	Sector Target fully aligned
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%	84%	95%	Maintain 100%	Maintain 100%	Sector Target fully aligned
Energy Efficiency	2.1 Energy used in production as a proportion of production output	kWh per te (total)	37.64	46.8	10% Reduction (43.0)	14.70	29.22 - equivalent to 1.5% per year to 2020- total reduction of 10%	Sector Target fully aligned
CO₂ Emissions (Production)	2.2 CO2 emissions as a proportion of production output - directly from plant	kg CO2 per te	11.25	12.6	20% Reduction (10.18)	5.60	9.37 - equivalent to 1.5% per year to 2020- total reduction of 10%	Sector Target fully aligned
CO₂ Emissions (Transport)	2.3a Average delivery distance travelled per tonne (Including return Journey)	Road	67.42	110	None Set	None set	Review logistical solutions, consider targets for 2020	Sector Target fully aligned
		Rail	Collect	Not Available	None Set	N/A	N/A	
		Water	N/A	N/A	N/A	N/A	N/A	
	2.3b Tonnes moved split by three modes: road, rail, inland barge	Road	13,947	Not Available	None Set	N/A	Review logistical solutions, consider targets for 2020	Sector Target fully aligned
		Rail	Collect	Not Available	None Set	N/A	N/A	
		Water	N/A	N/A	N/A	N/A	N/A	
	2.3c Average load for each mode	Road	26.80	16.4	None Set	23.64	Review logistical solutions, consider targets for 2020	Sector Target fully aligned
		Rail	Collect	Not Available	None Set	N/A	N/A	
		Water	N/A	N/A	N/A	N/A	N/A	
	2.3d CO2 emissions as a proportion of production output	Road	1.16	3.1	None Set	2.27	2.22	Sector Target fully aligned
		Rail	Collect	Not Available	None Set	N/A	N/A	
		Water	N/A	N/A	N/A	N/A	N/A	
2.3e CO2 emissions from delivery of incoming constituent materials	Road	1.30	Not Available	None Set	None set	Review logistical solutions, consider targets for 2020	Sector Target fully aligned	
	Rail	0	Not Available	None Set	N/A	N/A		
	Water	0.240	N/A	N/A	N/A	N/A		
Materials Efficiency	3.1a Mass diverted from the waste stream for use as a % of total energy use	Kg/te	N/A	N/A	N/A	N/A	N/A	Sector Target fully aligned
	3.1b % of additional cementitious materials used as a proportion of total cementitious used	%	0.00%	24.10%	25.00%	9.00%	10.00%	Sector Target fully aligned
	3.1c Recycled/secondary aggregate use as a proportion of total aggregate use	%	0.00%	19.00%	25.00%	5.00%	7.50%	Sector Target fully aligned
	3.1d % of waste derived and recovered material as a proportion of total raw material used in the manufacture of cement	%	N/A	N/A	N/A	N/A	N/A	Sector Target fully aligned
Water	3.2a Mains water use as a proportion of production output	Litres per tonne	55.6	95.8	20% Reduction (61.2)	37.2	44.22 - equivalent to 2% per year to 2020- total reduction of 13.2%	Sector Target fully aligned
	3.2b Controlled groundwater use as a proportion of production output	Litres per tonne	0.00	46.8	64.97	Maintain current level	Maintain current level	Sector Target fully aligned
Site Stewardship	3.3a Proportion of existing quarries that have restoration plans.	%	N/A	N/A	N/A	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	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	7.2	0	0	0	Sector Target fully aligned
Employment & Skills	4.2a % of employees covered by UKAS certified ISO9001/ ISO 14001/ OHSAS 18001 systems (Training & Competence sections)	% of employees	100%	96%	100%	Maintain 100%	Maintain 100%	Sector Target fully aligned
	4.2b % of employees covered by an environmental and health and safety management system following the principles of ISO 14001 and OHSAS 18001	% of employees covered by UKAS 9001/14001 systems	100%	96%	100%	Maintain 100%	Maintain 100%	Sector Target fully aligned
	4.2c Hours of training completed	Hours completed	69.2	Not available	Not available	Provide adequate training to allow all employees to carry out their duties safely and without harm to the environment	Provide adequate training to allow all employees to carry out their duties safely and without harm to the environment	
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%	27%	100%	Establish as relevant	Establish as relevant	Sector Target fully aligned
	4.3b Provide support for local community charities and projects	Number of lend a hand days completed	28	Not available	Not available	All employees to complete 1 lend a hand day per year	All employees to complete 1 lend a hand day per year	No target
	4.3c Profile within the community that the sites are located	Number of complaints received	0	Not available	Not available	0	0%	No target

