

**CEMEX Aggregates Responsible Sourcing KPI's 2017**

Sustainability Principles	Performance Indicators	Unit of expression	Cemex current level 2017	2016 MPA data	Sector target 2020	Cemex Target Set 2020	Agreed MPA Target	Cemex / MPA Target	
<b>Environmental Management Systems</b>	<b>1.1</b> % of production sites covered certified EMS	% of production sites	100%	92%	95%	100%	Increase % of production sites covered by a UKAS certified EMS to 95% by 2020	MPA Target Fully aligned	
<b>Waste minimisation</b>	<b>1.2</b> Kg of waste to landfill as a proportion of production output	kg per tonne	0.25	0.57	0.5	0.40	Reduce kg/tonne of waste to landfill to 90% of 2008 levels by 2020	MPA Target Exceeded	
<b>Emissions (excluding CO<sub>2</sub>)</b>	<b>1.3</b> Number of convictions for air and water emissions per annum	Number per annum	0	1	0	0	Maintain zero convictions for air and water emissions per annum, ongoing	MPA Target Fully aligned	
<b>Quality &amp; Performance</b>	<b>1.4</b> % of production sites covered by a UKAS certified 9001 quality management system	% of production sites (and absolute number compared to total)	100%	82%	95%	100%	Increase coverage of UKAS certified 9001 QMS to 95% by 2020	Improvement better than sector average	
<b>Energy Efficiency</b>	<b>2.1</b> Energy used in production as a proportion of production output	kWh per tonne	9.62	12.1	No Data	9.4	Deliver the industry CO2 target and achieve sector Climate Change Agreement Targets	MPA Target Fully aligned	
<b>CO<sub>2</sub> Emissions (Production)</b>	<b>2.2</b> CO <sub>2</sub> emissions as a proportion of production output	kg CO <sub>2</sub> per tonne	2.72	3.7	4.1	2.75	Deliver the industry CO2 target and achieve sector Climate Change Agreement Targets	MPA Target Fully aligned	
<b>CO<sub>2</sub> Emissions (Transport)</b>	<b>2.3a</b> Average delivery distance travelled per tonne (from factory gate to customer)	km	Road	45.84	49.80	N/A	Maximise logistics efficiency to decrease fuel consumption to 8 mpg	Linked to 2.3d	NA
			Rail	240.19	Not available	N/A	To be reviewed		
			Water	1,348	Not available	N/A	To be reviewed		
	<b>2.3b</b> Tonnes moved split by three modes: road, rail, inland barge	Tonnes moved by each mode	Road	11,838,584	Not available	N/A	Maximise logistics efficiency to decrease fuel consumption to 8mpg	Linked to 2.3d	NA
			Rail	2,654,115	Not available	N/A	To be reviewed		
			Water	205,769	Not available	N/A	To be reviewed		
	<b>2.3c</b> Average load for each mode	2.3c Tonnes per load by mode	Road	23.12	22.60	N/A	Maximise logistics efficiency to decrease fuel consumption to 8 mpg	Linked to 2.3d	NA
			Rail	1,451.92	Not available	N/A	To be reviewed		
			Water	3,117.71	Not available	N/A	To be reviewed		
	<b>2.3d</b> CO <sub>2</sub> emissions as a proportion of production output	kg CO <sub>2</sub> per tonne per mode	Road	1.94	3.40	N/A	1.86	Reduce CO <sub>2</sub> /m <sup>3</sup> emissions from transport by 15% from 2008 levels by 2014 - (Linked to 2.2)	NA
			Rail	7.59	Not available	N/A	To be reviewed		
			Water	18.87	Not available	N/A	To be reviewed		
<b>2.3e</b> CO <sub>2</sub> emissions per tonne for incoming materials	kg CO <sub>2</sub> per tonne per mode	Road	N/A - all incoming material are produced on site, transportation from the dig to the plant is included in 2.1. Transport to depots is included in 2.3a, 2.3b, 2.3c , 2.3d					N/A	N/A
		Rail							
		Water							
<b>Materials Efficiency</b>	<b>3.1D</b> Proportion of raw material comprising of material diverted from the waste stream	%	2.86%	1.10	N/A	Maintain current levels	The industry will continue to maximise the use of materials diverted from the waste stream where it is sustainable to do so	MPA Target Fully aligned	
<b>Water</b>	<b>3.2a</b> Mains water use as a proportion of production output	litres/tonne	14.9	13.10	no target	Improve data	None set	None set	
	<b>3.2b</b> Controlled groundwater use as a proportion of production output	litres/tonne	307.8	Not available	Unavailable	Improve data	Improve baseline data collection to enable overall water reduction target to be set in 2014	MPA Target Fully aligned	
<b>Site Stewardship</b>	<b>3.3a</b> Proportion of existing quarries that have restoration plans.	%	100%	95.0%	100%	100	Increase coverage of site specific action plans to 100% of relevant production sites by 2014	MPA Target Fully aligned	
	<b>3.3b</b> Proportion of sites that have or are linked to, biodiversity action plans.	%	50%	66.0%	100%	100%	Increase coverage of site specific action plans to 100% of relevant production sites by 2014	MPA Target Fully aligned	
<b>Health &amp; Safety</b>	<b>4.1</b> Lost injuries per 200,000 direct employee hours per year	Lost time injuries per 1,000,000 hours worked (direct employees only)	1.7	3.5	0	0	Reduce number of reportable injuries to zero per annum ongoing	MPA Target Fully aligned	
<b>Employment &amp; Skills</b>	<b>4.2a</b> % of employees covered by UKAS certified ISO9001/ ISO 14001/ OHSAS 18001	% of employees	100%	93%	100%	Maintain 100%	No target	Sector Target fully aligned	
	<b>4.2b</b> % of employees covered by an environmental and health and safety management system following the principles of ISO 14001 and	% of employees covered by environmental and health and safety management system following the principles of ISO	100%	Not available	No target	100%	No target	None set	
	<b>4.2c</b> Hours of training per employee	Hours completed per employee	29.1	Not available	No target	Provide adequate training to allow all employees to carry out their duties safely and without harm to the environment	No target	None set	
<b>Local Community</b>	<b>4.3a</b> % of relevant production sites with community liaison activities (supplemented by 1.3)	% of relevant production sites (and absolute number compared to total)	100% relevant sites(35%) (17 site)	59.5%	100%	100%	Increase % of relevant production sites that have community liaison activities to 100% by 2020	To be set up as required	
	<b>4.3b</b> Provide support for local community charities and projects	Number of lend a hand days completed	110	Not available	Not available	All employees to complete 1 lend a hand day per year	No target	NA	
	<b>4.3c</b> Profile within the community that the sites are located	Number of complaints received	3	Not available	Not available	0	No target	NA	

