

DSM Responsible Sourcing KPI's 2011

Sustainability Principles	Performance Indicators	Unit of expression	Cemex current level	Cemex Target Set 2012	CEMEX Objective	Related BRMCA Target
Environmental Management Systems	1.1 % of production sites covered certified EMS	% of production sites	100%	100%	Maintain 100%	Increase % of production sites covered by a UKAS certified EMS to 90% by 2012
Waste minimisation	1.2 Kg of waste to landfill as a proportion of production output	kg per tonne	11.38	10	review data collection systems, verify baseline and implement waste reduction programmes where appropriate	Reduce kg/m ³ of waste to landfill to 50% of 2008 levels by 2012
Emissions (excluding CO ₂)	1.3 Number of convictions for air and water emissions per annum	Number per annum	0	0	maintain zero convictions	Maintain zero convictions for air and water emissions per annum, ongoing
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%	100%	Maintain 100%	Maintain level at 100%
Energy Efficiency	2.1 Energy used in production as a proportion of production output	kWh per tonne	57.06	55	review data collection systems, including use of EF tracker at doveholes and Braintree, and seek to identify energy saving measures	Reduce overall kWh/m ³ of energy used in production by 7.5% from 2008 levels by 2012
CO ₂ Emissions (Production)	2.2 CO ₂ emissions as a proportion of production output	kg CO ₂ per tonne	16.79	15	continue to monitor and improve energy efficiency	Reduce CO ₂ /m ³ emissions from production by 15% from 2008 levels by 2012 - (Linked to 2.3d)
CO ₂ Emissions (Transport)	2.3a Average delivery distance travelled (inc return trip)	km	203	N/A	n/a	Linked to 2.3d
	2.3b Tonnes moved Inc different transport modes where appropriate	Tonnes moved (road only)	87594	N/A	n/a	Linked to 2.3d
	2.3c Average load for each mode	Tonnes per load	18.34	N/A	n/a	Linked to 2.3d
	2.3d CO ₂ emissions as a proportion of production output	kg CO ₂ per tonne	9.55	8.1	continue to monitor and improve energy efficiency of road haul fleet	Reduce CO ₂ /m ³ emissions from transport by 15% from 2008 levels by 2012 - (Linked to 2.2)
	3.1b % of additional cementitious materials (GGBS, fly ash, etc) as a proportion of total cementitious materials used	%	0.29%		target to be considered subject to technical/quality constraints	
	3.1c Recycled/secondary aggregates as a proportion of total aggregates used	%	N/A	N/A	n/a	
Water	3.2a Mains water use as a proportion of production output	Litres per tonne and litres per m ³	negligible	N/A	n/a	No Target
	3.2b Controlled groundwater use as a proportion of production output	Litres per tonne and litres per m ³	negligible	N/A	n/a	No Target
Health & Safety	4.1 Reportable injuries per 100,000 direct employees per year	Number per 100,000 per annum (and absolute number)	0	0	maintain zero injuries	Reduce injuries per 100,000 direct employees by 13% year on year from 2008 levels
Employment & Skills	4.2a Number of employees and contractors	Number employed	11	Linked to 4.2b		No Target
	4.2b % of employees covered by UKAS certified ISO9001/ ISO 14001/ OHSAS 18001 systems (Training & Competence sections)	% of employees covered by UKAS 9001/14001 systems	100% (operational staff)	100%		Maintain % of relevant employees covered by UKAS certified systems at 100%
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)	N/A	N/A		Increase % of relevant production sites that have community liaison activities to 100% by 2012