

CEMEX Asphalt Responsible Sourcing KPI's

2018

| Sustainability Principles              | Performance Indicators   | Unit of expression   | Cemex 2018 level | Cemex Target 2018                                    | 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   | 1.4              | 2.2  | 2.0   |   |
| Emissions (excluding CO <sub>2</sub> ) | 1.3 Number of enforcement notices, formal cautions 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)   | 122.9            | 118.0  | 105.0   |   |
| CO <sub>2</sub> Emissions (Production) | 2.2 CO <sub>2</sub> emissions as a proportion of production output - directly from plant                               | kg CO <sub>2</sub> per te  | 25.8             | 25.0   | 24.5  |   |
| CO <sub>2</sub> Emissions (Transport)  | 2.3a Average delivery distance travelled per tonne (including return journey)  | km per tonne   | Road             | 76.00  | Maximise logistics efficiency to decrease fuel consumption to 7.85mpg | 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             | 1,321,784  | Maximise logistics efficiency to decrease fuel consumption to 7.85mpg | 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             | 17.24  | Maximise logistics efficiency to decrease fuel consumption to 7.85mpg | 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 <sub>2</sub> emissions as a proportion of production output  | kg CO <sub>2</sub> per tonne per mode                                  | Road             | 4.25   |   | 4.13  |
|  |  |  | Rail             | N/A  |   | N/A   |
|  |  |  | Water            | N/A  |   | N/A   |
|  | 2.3e CO <sub>2</sub> emissions per tonne for incoming materials  | kg CO <sub>2</sub> per tonne per mode                                  | Road             | 2.12   | 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 used   | %  | 4.72%            | 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   | %  | 1.13%            | 1.1%   | 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   | 10.5             | N/A  | N/A   |   |
|  | 3.2b Controlled groundwater use as a proportion of production output   | Litres per tonne   | 6.2              | 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 sections) | % of employees   | 100%             | 100%   | Maintain 100%   |   |
|  | 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%             | Maintain 100%  | Maintain 100%   |   |
|  | 4.2c Hours of training per employee  | Hours completed per employee   | 18.2             | 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                                   | 14               | 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  | 4                | 0  | 0   |   |

