

**> CARBON**  
Climate change and energy



Energy consumption – kilowatt hours per tonne						
Business line	2010 (baseline)	2017	2018	2019	% change since 2010	% change since 2018
Hanson cement*	511.14	665.11	661.30	676.83	32.41%	2.35%
Irvine-Whitlock	na	na	na	na	na	na
Hanson aggregates	16.97	15.83	15.29	15.59	-8.1%	1.9%
Hanson concrete	1.85	1.91	1.95	2.03	10.0%	4.5%
Smiths Concrete	na	5.02	5.06	4.91	na	-2.9%
Hanson asphalt and contracting	106.58	108.56	111.56	111.98	5.1%	0.4%
Corporate and other	na	238.13	237.99	192.56	na	-19.1%
Midland Quarry Products	na	34.57	33.11	34.19	na	3.3%
<b>Hanson UK</b>	<b>75.84</b>	<b>79.73</b>	<b>82.22</b>	<b>84.83</b>	<b>11.9%</b>	<b>3.2%</b>

\*Hanson cement includes cement, Regen and packed products.

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Energy consumption – total megawatt hours						
Business line	2010 (baseline)	2017	2018	2019	% change Since 2010	% change Since 2018
Hanson cement*	2,225,831	2,567,181	2,698,444	2,733,619	22.81%	1.30%
Irvine-Whitlock	143	99	110	103	-27.5%	-6.1%
Hanson aggregates	403,575	362,595	352,580	365,415	-9.5%	3.6%
Hanson concrete	14,770	16,037	16,075	14,925	1.1%	-7.2%
Smiths Concrete	na	2,701	2,754	2,377	na	-13.7%
Hanson asphalt and contracting	315,278	273,252	311,970	313,634	-0.5%	0.5%
Corporate and distribution	4,975	21,703	20,297	17,927	260.3%	-11.7%
Midland Quarry Products	na	145,126	141,867	140,531	na	-0.9%
<b>Hanson UK</b>	<b>2,964,572</b>	<b>3,388,695</b>	<b>3,544,098</b>	<b>3,588,531</b>	<b>21.0%</b>	<b>1.3%</b>

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