RAISING THE BAR INITIATIVE

It is now a mandatory requirement for all companies joining British Precast to sign up to the Precast Sustainability Charter. In order to help members keep track of their status under the Raising the Bar scheme and to highlight to clients, specifiers and customers the various management system credentials of members, British Precast maintains a microsite www.bpcfcharter.com. 2012 saw a considerable rise in the number of companies joining the initiative, committing to our Sustainability Charter and reporting on KPIs. Our figures show that members of British Precast and their supply chain have collectively managed to save up to 0.14 Million tonnes of CO2 per year (2008 baseline).

This year, our initiative was recognised by one of the most prestigious and credible sustainability initiatives in the UK. Raising the Bar was the only business initiative to be shortlisted for this year’s ClimateWeek Awards, best campaign category.

PRECAST SUSTAINABILITY CHARTER

The Sustainability Charter was launched on the 29th November 2007. Members were originally asked to make a voluntary commitment to the following requirements:

- Develop products that improve the quality and sustainability of the built environment, use effectively with local communities to foster mutual understanding and respect
- Manage all waste streams effectively and minimise waste disposal to landfill
- Minimise, report and improve performance on sustainability issues
- Minimise emissions and pollution associated with production and transportation
- Operate in a responsible manner to protect employees, contractors and visitors
- Operate in an efficient and financially sustainable manner without compromising legal, quality or sustainability principles
- Operate to the highest ethical standards necessary to develop a skilled and competent workforce
- Operate to the highest quality standards necessary to satisfy customers and consumers
- Protect and enhance the natural environment adjacent to or affected by precast production
- Recognise that competition encourages the development of more sustainable products and practices
- Use energy more effectively and reduce carbon footprints
- Use primary materials more effectively and promote the use of secondary materials
- Use water more efficiently and minimise demands on mains water supplies
- Work constructively with other organisations to deliver sustainable policies and practices

The precast industry targets should also link up with a number of other recent targets:

- GCB routemap target for Capital carbon reduction by 21% in 2022 (2010 baseline)
- 30% reduction in CO2 emissions from concrete production by 2020 (from 1990 baseline)
- 90% reduction in CO2 emissions from concrete production by 2050 (from 2008 baseline)
- 95% of production certified to responsible sourcing standard BES 6001 by 2020.

For more information on the strategy and the concrete sustainability roadmap for 2020 visit www.sustainableconcrete.org.uk, information can also be found at: www.bpcfcharter.com
It is also important to note that third party certification auditors are at exercise and the targets set by British Precast to help demonstrate Responsible Sourcing of Materials standard, can use this data capture. Please note that companies who gain independent certification to the Charter and supplying KPI data, Morgan Sindall have also provided KPI in addition to the above companies being signed up to the Sustainability Precast | Sandtoft Roof Tiles Robeslee Concrete Ltd | SCC | Stanton Bonna | Sterling Services | Buchan Concrete Products | Cemex UK | Cornish Concrete Products | Barcon Precast | Bell & Webster Concrete | Brett Landscaping | Acheson & Glover Precast | ACP Concrete | Aggregate Industries | By April 2013, the following 36 companies are currently signed up to the Sustainability Charter: Achenes & Glover Precast | ACP Concrete | Aggregate Industries | Barcon Precast | Bell & Webster Concrete | Brett Landscaping | Buchan Concrete Products | Cemex UK | Cornish Concrete Products | CPM Group | Concrete Products | Delma Bloc UK | Eber Concrete | Elite Precast | Evans Concrete Products ltd | Forticrete Ltd | Faxon Bros Ltd | F P McCann | Hill UK | Hansdon Building Products | Litcact | Longley Hauxley (Marshall) | Milton Precast | Manor (Formerly Concrete Products) | Quaint Building Products | Roger Ballantyne | Robeslee Concrete Ltd | SCC | Stanton Bonna | Sterling Services | Stowell Concrete | Techcrete Ltd | Townscape Products | Trueform Precast | Sandufert RoofTiles As part of the requirements of the Charter, all signatory companies must provide Key Performance Indicator data on an annual frequency. In addition to the above companies being signed up to the Sustainability Charter and supplying KPI data, Morgan Sindall have also provided KPI data for 2012. By 2013 it is intended that all member companies will be signatories. Please note that companies who gain independent certification to the Responsible Sourcing of Materials standard, can use this data capture exercise and the targets set by British Precast to help demonstrate conformance to BES 6001 with regards to stakeholder engagement etc. It is also important to note that third party certification auditors are at liberty to make contact with British Precast to gain confirmation that annual KPI data has been supplied.

KEY PERFORMANCE INDICATORS

These indicators provide an overview of the impact of the precast industry on society and environment, and how that impact is managed. The figures reported here relate to 2009 to 2012. Notes are included to indicate how performance has increased since 2008 and whether 2012 targets were achieved.

QUALITY AND SATISFACTION

Note: 2012 target of 85% has been achieved.

ELECTRICITY, INCLUDING CLIMATE CHANGE

Note: 2012 target of 10% reduction in energy usage per tonne has been achieved.

Note: 2012 target of 10% reduction in CO2 emissions per tonne has been achieved.

QUALITY AND SATISFACTION

9.4 Mt tonnes, on 90.7% of reported production was covered by an ISO 9001 UKAS accredited quality management system or a recognised Manufacturer Quality Assurance Scheme in 2012, compared to 80%, 89%, 93% and 94.4% in 2008, 2009, 2010 and 2011 respectively.

ENERGY, INCLUDING CLIMATE CHANGE

9.1 Mt tonnes, on 93.7% of reported production was covered by an ISO 14001 or EMAS UKAS certified environmental management system in 2012, compared favourably with 85% of reported production in 2008.

Note: 2012 target to increase coverage to 90% has been achieved.

There were no environmental incidents reported or reported to external regulatory authorities in 2009, 2010, 2011 or 2012 compared with a single incident reported in 2008.

Note: 2012 target to maintain connections to “E” has been achieved.

Transport data coverage in 2012 remained good, with most companies supplying data, showing that the average lorry carried 17.45 tonnes of precast product per delivery, compared with an average of 16.6 tonnes in 2010. The average delivery distance in 2012 was 148.1 km in 2012, compared to 193 km reported in 2008. Transport data was provided for 5.2 Mt tonnes of product in 2012, compared with 7.2 Mt tonnes in 2009.

Note: 2012 target to increase coverge has been achieved.

Note: 2012 target to increase capture of data has been achieved.

Note: 2012 target to increase coverage to 85% has been achieved.

POLLUTION/EMISSIONS, INCLUDING TRANSPORT

No environmental incidents were recorded or reported to external regulatory authorities in 2009, 2010, 2011 or 2012 compared with a single incident reported in 2008.

Note: 2012 target of 10% reduction in CO2 emissions per tonne has been achieved.

Note: 2012 target of 10% reduction in energy usage per tonne has been achieved.

Note: 2012 target to increase coverage to 95% has been achieved.

Transport data coverage in 2012 remained good, with most companies supplying data, showing that the average lorry carried 17.45 tonnes of precast product per delivery, compared with an average of 16.6 tonnes in 2010. The average delivery distance in 2012 was 148.1 km in 2012, compared to 193 km reported in 2008. Transport data was provided for 5.2 Mt tonnes of product in 2012, compared with 7.2 Mt tonnes in 2009.

Note: 2012 target to increase capture of data has been achieved.

Note: 2012 target to increase coverage has been achieved.

Note: 2012 target to increase capture of data has been achieved.

Advantages usage increased slightly in 2012, at 8.3 tonnes per km. 21% of aggregates used in 2012 were of recycled or secondary origin.

Note: 2012 target of 25% recycled aggregates has not been quite achieved.

HEALTH & SAFETY

9.8 Mt tonnes, or 16.7% of reported production was covered by a OH&S inspection UKAS certified health & safety management system in 2012. This is significantly better than the 25.4% reported in 2008.

Health and safety data is collected separately through the Concrete Targets 2013, scheme operated by British Precast, this HSIE recognised scheme promotes improvement activities and sharing of information, both within companies and across the construction industry.

Over 7,702 employees in the industry were covered by the CT 2013 scheme in 2012. The estimated RIDOR rate was 792 per 100,000 employees compared with 1,143 last year, 1,341 in 2008 and 2,930 for the scheme’s baseline year 2000.

EMPLOYMENT POLICIES INCLUDING TRAINING

6,775, or 36.8% of reported employees were covered by formal training and development policies in 2012. An average of 19 hours of training was provided per employee. The coverage is higher than the 8.5% rate reported in 2008. However, the number of hours reported are slightly lower than the 12.6 hours reported in 2008.

Note: 2012 target of 35% of employees must have been achieved.

Note: 2012 target of 10% reduction has been achieved.

Notes: 2012 target for Responsible Sourcing, almost two thirds of production was covered by BES 6001. Most BES 6001 certified products are rated “Very Good or Excellent” with 28% (by mass) rated as “Excellent”.

Note: Although no target was set for Responsible Sourcing, almost two thirds of production was covered by BES 6001. Most BES 6001 certified products are rated “Very Good or Excellent” with 28% (by mass) rated as “Excellent”.

Note: 2012 target of 10% reduction in energy usage per tonne has been achieved.

Note: 2012 target of 10% reduction in CO2 emissions per tonne has been achieved.

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