

# Newsletter

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**Winter** has arrived with gusto - let the car window scraping begin! Welcoming 2012 means it is time for another UKQAA Newsletter.



### **WRAP/EA Quality Protocol – Unbound Applications**

An experienced consultant is working on behalf of the industry on a proposed controlled PFA embankment experiment, which will involve a trial embankment and possibly some lysimeters to model water movement through ash. This project is partially funded by JEP and partially by the EU Equal project.

### **Modern Masonry Alliance (MMA)**

The UKQAA are members of the MMA and Lindon went along to their last members meeting.

Fires continue to plague the timber framed industry during the construction phase. In London particularly, Buildings Inspectors have adopted a firm stance on the prevention of such fires by insisting on many precautions. As a result most builders are switching away from timber framed and moving to traditional building methods. The proportion of timber framed houses being built in Great Britain has dropped down to 14% from its peak of 25% in the first quarter of 2010. There appears to be a clear switch to masonry.

### **Sustainable Concrete Forum (SCF)**

This body is revisiting Factsheet 18, which currently lists the CO<sub>2</sub> from each of the cementitious materials on the market. We have submitted information on the CO<sub>2</sub>e for PFA based on information we have.

The weighted average figure for the production of 1 tonne of fly ash for use as an addition in concrete equates to 4.33kg of CO<sub>2</sub>e under All Scopes – so the relative CO<sub>2</sub>e impact of PFA is very low. There has been discussion as to whether the SCF Factsheet 18 constitutes an Environmental Product Declaration (EPD) under EN15804 and other similar standards.

### **Out and About**

We have exhibition space booked at a number of events this year and at some Lindon is presenting a paper.

**LJMU – 11<sup>th</sup> International Conference – 15 & 16 February 2012:** An event hosted by The School of the Built Environment (LJMU). We are exhibiting here and Lindon is also presenting a paper. For the 2<sup>nd</sup> year running the venue will be the Britannia Adelphi Hotel, Liverpool.



**UK Concrete Show – Ricoh Arena, Coventry – 22 & 23 February 2012 – stand no. D18:** We are exhibiting here as last year and the

show has increased in size by roughly 50%.

Lindon is also presenting in one of the shows seminar sessions with a paper entitled "Fly ash in concrete, green and grey at the same time!" which is a review of the use of fly ash in concrete and it's green credentials by lowering the CO<sub>2</sub> impact of the manufacture of concrete. Presently we have been allocated a slot in Seminar Theatre 2 on the afternoon of the second day.



**Ecobuild 2012 – ExCeL London - 20-22 March 2012 – stand no. N871:** We are joining in excess of 1300 exhibitors at Ecobuild this year where there are the usual, free seminars, Ecobuild Conference and live demonstrations.

Last year there were concerns over overcrowded trains on the Docklands Light Railway (DLR) but the organisers have been assured extra trains will be available this time.

**University of Dundee – 8<sup>th</sup> International Conference – 9-11 July 2012:** Here we are exhibiting and Lindon is presenting a paper co-authored with Jodie Guest (Hanson) within one of the 6 conference themes.

### **Visitors from China**

We recently had a visit from a delegation of 6 gentlemen from the Gansu Provincial Environmental Protection Bureau, Gansu Province, China. Gansu Province is famous for its coal-fired power plants which produce 37.6% of the thermal power generation in China.

They were on a fact finding mission wanting to know more about the role of the UKQAA and the environmental and sustainability issues connected with coal-fired plants in the UK.



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