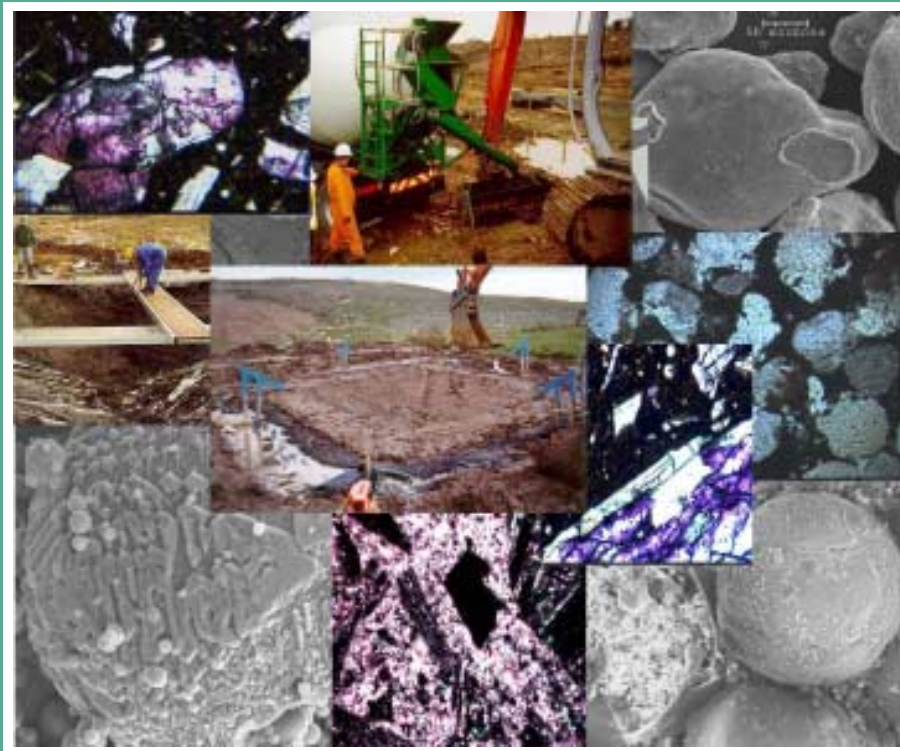


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# Waste Materials in Construction

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Thursday 1 April 2004



SCI, 14/15 Belgrave Square, London, UK

A meeting organised by the SCI Construction Materials Group with support from Mini-Waste Faraday Partnership



# P R O G R A M M E

09.00 Registration and Coffee

09.40 Group Chairman's Welcome  
**Mike Grantham, Grantham Associates Ltd**

## Session 1: Industrially Derived Aggregates - Resources from Waste

09.45 Chairman's Welcome  
**Andrew Rowley, Director, Mini-Waste Faraday Partnership**

10.00 Re-use of Construction, Demolition and Excavation Waste  
**Murray Reid, TRL**

10.30 Advances in Synthetic Aggregate Production  
**Peter Wainwright, University of Leeds**

11.00 Coffee

11.30 The Waste and Resources Action Plan; A New look at Construction Materials  
**Mike Watson, WRAP**

12.00 Iron and Steel By-products in Construction  
**Nizar Gazireh, Tarmac**

12.30 Recycled Materials in Construction – An Overview with Case Histories  
**Kathryn Adams & Andrew Dunster, BRE**

13.15 Lunch

## Session 2: Binder Systems and Applications of Waste Materials

14.15 Chairman's Address: The Construction Industry Perspective  
**Tim Broyd, CIRIA**

14.30 Industrial By-Products in Highway Engineering  
**Olisanwendu Ogwuda, University of Abertay Dundee**

15.00 Use of Waste Glass as a Concrete Pozzolan and a Decorative Aggregate  
**Ewan Byars, University of Sheffield**

15.30 Tea

15.45 Industrial Ashes in Construction  
**Julia Stegemann, University College London**

16.15 Waste to Contain Waste - Containment Systems for Pollution Prevention  
**Peter Claisse, Coventry University**

16.45 The Needs of the Construction Industry  
**Matthew Lawman, Construction Federation**

17.15 Discussion

17.30 Close of meeting

### Conference Aims

This meeting reports on modern trends in both minimising the wastes arising from construction and in the re-use of industrial by-products as construction materials. Resource efficiency is fundamental to economic, social and environmental sustainability, yet the conservatism of the construction industry limits the rate of up-take of new materials. The meeting will demonstrate the use of novel construction materials which are wholly, or in part, derived from wastes. Trends in material resource use will be reviewed, and examples of efficient re-use of materials reported by invited speakers. The presenters represent construction companies, research organisations, trade associations and regulators, so a lively debate is expected. The meeting will be followed by an informal evening discussion.

### Call for Posters

If you would like to present a poster, please send a one page abstract as a word attachment, by email to [katherine.simpson@soci.org](mailto:katherine.simpson@soci.org).

**Register online at [www.soci.org](http://www.soci.org)**

*Please detach the slip below*

**REGISTRATION FORM**

**Waste Materials in Construction**  
**Thursday 1 April 2004, SCI, 14/15 Belgrave Square, London, UK**  
**Includes refreshments as stated in the programme.**  
**Please tick appropriate box.**



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