INTERNATIONAL CONFERENCE ON RE-USE OF FOUNDATIONS FOR URBAN SITES: RuFUS 2006

Two day conference and exhibition
BRE, Watford
19-20 October 2006

Under the auspices of

RuFUS

Sites
Re-Use
Urban
Foundations

BGA
THE BRITISH GEOTECHNICAL ASSOCIATION

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The regeneration of city centres is of critical importance in today’s society. The cycle of redevelopment has, however, been continuing over many centuries. It has left an underground legacy of foundations and archaeology which can compromise new developments in urban areas.

The research project ‘Re-use of Foundations for Urban Sites’ (RuFUS)*, has developed new tools and processes that will help you provide sustainable foundations for future urban development.

*the RuFUS project was partially funded by the EU 5th Framework Research Programme, www.webforum.com/rufus

INVITATION

The RuFUS research consortium invites you to participate in this International Conference on the Re-use of Foundations for Urban Sites. All professionals involved in redevelopment will find this an invaluable source of information, discussion and networking on this important new topic. The findings of the RuFUS project will be summarised and complemented by papers covering both relevant research results and case studies of urban redevelopment.

The conference will launch the RuFUS handbook developed by the project team. Registered delegates will receive a pre-release copy of the handbook, along with the conference proceedings as a casebound hardback book. The handbook and proceedings will be published by BRE Press, and will be on sale after the conference at a price of approximately £150.

The proceedings will contain papers from around the world on all aspects that affect the re-use of foundations, including:

• Impact of regulatory bodies
• Risk and reliability
• Whole life costing and impact on the economics of redevelopments
• Impact on architectural design
• Environmental impacts
• Archaeological heritage
• Historical documentary evidence of foundations
• Investigation of the nature and extent of foundations
• Assessment of the durability of materials
• Assessment of foundation behaviour
• Remediation techniques to repair foundations or enhance capacity
• Impact of seismic, geological and other activity
• Future proofing foundations
• ‘Smart’ foundations and long term behaviour of instrumentation

The conference is arranged around themes with Keynote lectures, paper presentations and open discussion (see www.webforum.com/rufus for list of accepted papers and lectures)
OUTLINE CONFERENCE PROGRAMME

19 OCTOBER – DAY 1

Registration from 08.00

Conference opening and welcome
Opening Keynote: Importance of Foundation re-use – a client’s perspective

Session 1: Decision making
Keynote 1: Principles, Risks and Decision Tools
Presentation of papers
Coordinated Discussion

Session 2: Foundation assessment methods
Keynote 2a: Materials assessment
Keynote 2b: Assessment of location and geometry
Presentation of papers
Coordinated Discussion

Reception and exhibition

Lunch with exhibition and field demonstrations

20 OCTOBER – DAY 2

Session 3: Foundation performance:
Keynote 3: Design for re-use, now and in the future
Presentation of papers
Coordinated Discussion

Session 4: Who pays?
Keynote 4: Legal, Financial, Planning and Insurance issues
Presentation of papers
Coordinated Discussion

Session 5: Getting it right?
Keynote 5: Successes and failures
Presentation of papers
Coordinated Discussion

Conference roundup
Keynote 6: The future for re-use

Lunch with exhibition and field demonstrations
WHO SHOULD ATTEND?
The conference will be of benefit to all those involved in the decision process for re-using foundations be they, clients, stakeholders, regulators, insurers, contractors, or consultants. You will be presented with the latest information that is available on the topic as well as how decisions taken now could assist in future redevelopments and maintain the value of the asset.

EXHIBITION
Throughout the conference there will an exhibition and field demonstrations covering the latest developments on topics related to the re-use of foundations.

Companies already expressing interest cover topics such as NDT and physical testing of foundations, enhancement systems and methods, instrumentation systems etc. (further information from John Powell – powellj@bre.co.uk)

LOCATION
The conference and exhibition will take place at BRE in the UK on 19-20th of October 2006.

BRE is located close to London and its airports (see www.bre.co.uk for directions). Details for accommodation will be supplied on request.

TECHNICAL COMMITTEE
Tony Butcher (Chair) UK
Tim Chapman UK
Gerard Evers France
Rab Fernie UK
Goran Holm Sweden
Prof R. Katzenbach Germany
Ernst Niederleithinger Germany
John Powell UK
Hilary Skinner UK
Aris Stamatopoulos Greece

ADVISORY COMMITTEE
Chair: Prof R. Katzenbach (Chairman ISSMGE TC18)
Hugh St John UK
Fiona Chow Australia
Janice Windle UK
Jim Williams UK
Bertrand Soyez France

CONTACTS
Conference technical matters and exhibition enquiries: John Powell – powellj@bre.co.uk
Bookings: Kellie Percival – events@bre.co.uk
Tel +44 (0) 1923 664800
Website: www.webforum.com/rufus
**BOOKING**

Please book online at [www.webforum.com/rufus](http://www.webforum.com/rufus) or return this form to:

Kellie Percival, BRE Events, Garston, Watford, WD25 9XX
T +44 (0)1923 664800  F +44 (0)1923 664790  Email events@bre.co.uk

I wish to attend the RuFUS 2006 conference and exhibition on 19/20 October 2006 at BRE, Watford, at a cost of:

(please tick as appropriate):

- **£493.50** (£420 + £73.50 VAT)  Full fee
- **£235.00** (£200 + £35.00 VAT)  Student (Student places are limited. Fee does not include handbook).
- **£440.63** (£375 + £65.63 VAT)  Member – ICE, ISMGE, BGA or IStructE. M’ship No: ______________________
- **£587.50** (£500 + £87.50 VAT)  Late fee (for payment after 19 September 2006)

**PAYMENT DETAILS**

Please note payment in advance only by credit/debit card, cheque or BACS).

- Please tick if you would like a VAT receipt (VAT number is GB 689 9499 27). I wish to pay by:
- Cheque (payable to BRE, cheques must be in UK pounds (£) drawn on a UK bank)
  Please post cheques to BRE Events, Garston, Watford WD25 9XX
- Credit/debit card (Visa/Delta/MasterCard/Eurocard/Switch*)
  Card Number:  __________  __________  __________  __________  __________  Expires __________ / __________
  Security code (3 digit number on reverse of card)  __________  *For Switch, please also include start date:  __________ / __________  Issue No:  __________
- BACS  Bank name: Barclays Bank plc  Address: Level 28, 1 Churchill Place, Canary Wharf, London E14 5HP
  Account name: Building Research Establishment Ltd  Account No: 00606758  Sort Code: 20-65-63
  Please use Senders Ref CV0401

**PERSONAL DETAILS**

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Please note here if you have any special dietary or access requirements

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If you have any special dietary or access needs please let us know well in advance • Please note cancellation after 19 September will incur a £75 cancellation fee, there will be no refund on cancellation within 14 days of event • Full joining instructions will be sent on receipt of your application and payment • Reservations cannot be confirmed until payment has been received • We hold your details in accordance with the Data Protection Act. Occasionally we will send you information on BRE related events, publications and services. If you do not wish to receive this information please tick this box.
BRE is the UK’s leading centre of expertise for construction, the built environment, sustainability, energy, fire and many associated issues. We provide research, consultancy, information and testing services to customers worldwide.

For information on BRE’s services, see

www.bre.co.uk

or telephone 01923 664000