

# OFFSITE2005

Modern methods of construction come of age

6 – 9 June 2005 at BRE Watford

Organised by **bre** and **smartLIFE**

Supported by  Office of the Deputy Prime Minister  
Creating sustainable communities and **dti**

OFFSITE2005 is the largest and most ambitious event on off-site and Modern Methods of Construction (MMC) ever seen in this country, combining

- full scale exhibits of building systems from around the world, many of which have never been seen before in the UK, with
- a stimulating case study based seminar programme that will demonstrate how MMC are delivering quality homes and buildings to time, to budget and to sustainability standards

With over 50 displays from the world's leading exponents of MMC, the event gives you the chance to get up to speed with developments in the market and to see, without the cost of foreign fact finding trips, the very wide range and applicability of off-site construction systems now available including

- prefabricated foundation and basement systems
- frame and panel systems
- volumetric modular buildings

## Exhibits and demonstrations (Opening times Monday 06 June – Thursday 09 June, 09:00 – 17:00 hours)

**Century Homes** is the largest timber frame building manufacturer in Europe and has an active R&D department committed to developing best practice in MMC. At OFFSITE2005, Century Homes will be displaying in full-scale an advanced timber frame showcase house that is cost effective and incorporates a range of innovative features including environmental technologies.

**The Concrete Centre** As the central development organisation for the UK's concrete and cement sector, The Concrete Centre will be co-coordinating a number of exhibits and demonstrations from the concrete MMC sector.

**English Partnerships** will be exhibiting a full-scale MMC dwelling that illustrates the principles of PSA 8 (liveability) and how MMC can help to deliver the Sustainable Communities Plan. The design of the MMC exhibit will meet the following principles: Good urban design in accordance with English Partnerships' values; Ecohomes rating of 'Excellent'; Secure by Design; and Lifetime Homes and inclusive design.

**Hanson** is the largest producer of aggregates and one of the largest producers of concrete products, clay bricks and ready-mixed concrete in the world. At OFFSITE2005, Hanson will be exhibiting in full-scale a range of their new and existing building systems designed to meet the challenge ahead.

**ICFA** Members of the ICFA – the Insulating Concrete Formwork Association – will be building the walls of a new single storey building each and every day at OFFSITE2005. The wall system is based on hollow EPS insulated blocks that simply lock together to form the walls prior to being filled with concrete.

**Ruukki** have over 10 years of experience in factory-assembled building systems. They have delivered over 500,000m<sup>2</sup> of factory-assembled building envelope modules that arrive on site in one piece. At OFFSITE2005, visitors will be able to view a full scale exhibit of Ruukki's off-site manufactured building solutions. Visitors will also be able to learn about recent projects and obtain technical information.

**Scottsdale** will be showing cost effective framing solutions for multi-storey modular construction including the UK launch of their fully automated and engineered truss system from CAD plans, through to roll forming, fabrication and site installation.

**Terrapin** will be exhibiting two full scale MMC examples. These modules are constructed from a rigid light steel frame specifically designed for use in the residential sector, enabling the product to achieve high super-imposed loading characteristics in multi-storey structures. The exhibit is part of a £2 billion MoD project to provide single living accommodation.

**Van Elle** is one of the largest foundation and geotechnical contractors in the UK with a reputation for quality and innovation. At OFFSITE2005, Van Elle will be exhibiting their Smartfoot® system and also officially launching their unique Litefoot® foundation innovation.



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For more information and to book online visit [www.offsite2005.com](http://www.offsite2005.com)

**Tuesday**  
07 June 2005

**Wednesday**  
08 June 2005

## The Clients' Requirements for Modern Dwellings

- 09:00 Registration and exhibition opens
- 10:00 Welcome by Chairman
- The Housing Corporation's Requirement  
for Modern Dwellings**  
Clive Clowes  
The Housing Corporation
- English Partnerships' Requirement for Modern Dwellings**  
Trevor Beattie  
English Partnerships
- Insuring Modern Dwellings**  
Sebastian Catovsky  
Association of British Insurers
- Lending on Modern Dwellings**  
Andrew Heywood  
The Council of Mortgage Lenders
- Consumers' Lifestyle Needs  
– Affordability and flexibility**  
Liz Blackshaw  
SmartLIFE
- Panel discussion
- 12:00 Close of morning session

## Key Issues for Modern Methods

- 14:00 Welcome by Chairman
- Sustainability – From Master Planning to Design**  
Alan Yates  
BRE
- Partnering – From Procurement to Construction**  
Steven Barrett  
Spaceover
- Automation – From Shed to Factory**  
Dan Brown  
Advance Housing
- Difficult Ground – From Below to Above**  
Vic Handley  
Van Elle
- Panel discussion
- 15:30 Close of afternoon session
- Exhibition open until 17:00 hrs**

## Manufacturing Sustainable Communities

- 09:00 Registration and exhibition opens
- 10:00 Welcome by Chairman
- Sustainable Manufacturing**  
Martin Goss  
Mtech Group
- Modern Keyworker Accommodation**  
Andrew Minson  
The Concrete Centre
- Modern Hospitals  
– State of the Art Surgeries and Wards**  
Nick Whitehouse  
Terrapin
- Modern Schools  
– Classroom of the Future**  
Stephen Clay  
Kingspan
- Modern Transport Infrastructure**  
Mike Healy  
Mace
- Panel discussion
- 12:00 Close of morning session

## Developing the Modern Workforce

- 14:00 Welcome by Chairman
- National Strategy for Training and Upskilling**  
TBA
- Regional Delivery of Training and Upskilling**  
SmartLIFE/Cambridge Regional College
- How to Secure Funding for Training**  
Rufus Logan  
BRE
- Panel discussion
- 15:30 Close of afternoon session
- Exhibition open until 17:00 hrs**



OFFSITE2005 qualifies for CPD credits

## Global Opportunities and International Best Practice

09:00 Registration and exhibition opens

10:00 Welcome by Chairman

### Leap over the Elbe

– Best Practice from Hamburg, Germany

Prof. Walter Leal

SmartLIFE (TuTech, Hamburg)

### Training in sustainability

– Best Practice from Sweden

Per-Arne Nilsson

City of Malmö

### Best Practice from America and Canada

Emanuel Levy

Manufactured Housing Research Alliance

### Best Practice from Finland

Ruukki

### Panel discussion

12:00 Close of morning session

## Regulation and Assurance

14:00 Welcome by Chairman

### Regulations and Standards

Tariq Nawaz

ODPM

### Certification, Technical Approvals and Quality Marks

Tony Woods

BRE

### Quality Control and Assurance

Rod MacEachrane

NHBC

### Panel discussion

15:30 Close of afternoon session

**Exhibition open until 17:00 hrs**

**Note:** The exhibition is open Monday 06 June to Thursday 09 June from 09:00 to 17:00 hrs

Demonstrations and tours will be running throughout the event

Programme details subject to change

Please see [www.offsite2005.com](http://www.offsite2005.com) for updates

## Reasons to attend

- Walk through a range of full scale building systems
- Witness live construction demonstrations
- Talk direct to manufacturers that will be showcasing their latest MMC innovations in full scale
- Hear about and debate the important issues with world leading experts
- Learn how the benefits of manufactured construction are manifesting themselves in better buildings
- Network and do business with clients and suppliers
- Tour BRE's research and testing facilities

## Contact us

For further information about OFFSITE2005, please contact:

OFFSITE2005 BRE Events, Garston, Watford, Hertfordshire WD25 9XX

T +44 (0) 1923 664800

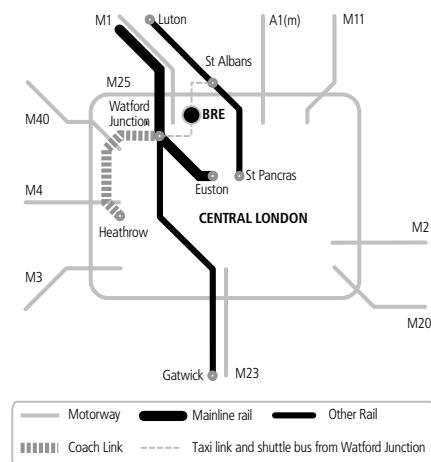
F +44 (0) 1923 664790

E [events@bre.co.uk](mailto:events@bre.co.uk)

W [www.offsite2005.com](http://www.offsite2005.com)

## Finding us

BRE's Garston site is just to the north of Watford, 20 miles from Central London, and close to the M1 and M25 motorways. The nearest main line station is Watford Junction, on the London (Euston) to Glasgow line. For full details of how to get to BRE, please see our website [www.offsite2005.com](http://www.offsite2005.com)



## To book

Book quickly and easily via the OFFSITE2005 website, or complete and return the form overleaf with your payment

# Registration Form

Please complete the registration form below and return to the address below or fax it to us on 01923 664790.

Its quicker and more secure to book online at [www.offsite2005.com](http://www.offsite2005.com)

OFFSITE2005  
BRE Events, Garston  
Watford  
United Kingdom  
WD25 9XX

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## Booking details

I wish to attend OFFSITE2005 at BRE on:

06 June 2005 (exhibition only)  07 June 2005  08 June 2005  09 June 2005

at a cost of

£50 per day (including VAT) for exhibition only  
 £199 per day (inc. VAT) Early Bird Booking before 31 March 2005 seminars and exhibition  
 £265 per day (inc VAT) full price after 31 March 2005 seminars and exhibition

## Payment details (please note payment in advance only by credit card, cheque or BACS)

I wish to pay by  Credit card (Visa/Delta, MasterCard, Eurocard)  
 Cheque (payable to BRE, cheques must be in UK pounds (£) drawn on a UK bank)  
 BACS  
 Please tick if you would like a VAT receipt (VAT number is GB 689 9499 27)

Credit card number    expires

BACS **Bank name:** Barclays Bank plc **Address:** 50 Pall Mall, PO Box 15162, London SW1A 1QB  
**Account name:** Building Research Establishment Ltd  
**Account No:** 00606758 **Sort Code:** 20-65-63  
**Please use Senders Ref CV1836**

## Personal details

Title (Mr/Mrs/Ms) \_\_\_\_\_ First name \_\_\_\_\_

Surname \_\_\_\_\_

Organisation \_\_\_\_\_

Job title/Position \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postcode \_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Please do not contact me by email (please tick if appropriate)

Please note here if you have any special dietary or access requirements  
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Folded in three, this sheet will fit a standard DL window envelope.

Please remember to include your payment, either as a card number above or by enclosing a cheque. If you pay by bank transfer, please tick the BACS box above before returning the form.

Please only return this page, not the whole booklet.

Programme details are subject to change. Check the website for the most up-to-date information.

If you cancel this booking more than 14 days prior to the event you will receive a full refund. If you are unable to give us 14 days notice of cancellation no refund will be made, however, a full delegate pack will be posted to you.

Reservations will not be confirmed until payment has been received.

Full joining instructions will be sent on receipt of your application and payment. We will contact you by email, unless you state otherwise.

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