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and to book visit:
www.bsigroup.com/eurocodesconference

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bookings
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New conference

Preparing for Eurocodes Managing the Change

20-21 October 2009
CBI Conference Centre, London

The Eurocodes are coming. Are you ready? Get your business ready for implementation.

The Eurocodes and their National Annexes will replace existing British Standards in March 2010. Their use will be mandatory for all public buildings and recommended for private buildings from this date.

If you are involved in the building or design of new structures, this conference will explain how to manage the change to Eurocodes, how and when they should be implemented in conjunction with each other and how effective use will benefit your business.

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Supporting organizations:



The Institution
of Structural
Engineers



Attend this conference and workshop to:

- Receive expert guidance on
 - which Eurocodes you should use
 - when you should start
- See how your organization can gain a competitive advantage by implementing Eurocodes now
- Learn from your peers – hear case studies from organizations already using Eurocodes.

A combination of streamed and plenary sessions will provide specific, up to date knowledge, with discussion and networking opportunities throughout the day.

raising standards worldwide™



Preparing for Eurocodes Managing the Change

Conference programme 20 October 2009

Chair's introduction

Professor Haig Gulvanessian CBE
*Civil engineering and Eurocodes consultant;
Associate and former Director of Construction
Division, BRE;
Visiting Professor, Imperial College London*

Keynote

Managing the change – overcoming the challenges posed by implementing Eurocodes

- The Structural Eurocode package
- The nature of the changes from current practice
 - Historical context
- New topics for consideration
 - The basis of design
 - National Annexes
 - Other Non Contradictory Complementary Information (NCCI) documents
 - The future of the Eurocodes
- Training
- Software
- What the Eurocodes will do to change engineering practice
- Work overseas

Howard Taylor
*Chartered civil and structural engineer;
Chair, BSI Committee 525, Structural
Design Codes*

Development of Eurocodes – about the BSI strategy

- Eurocodes – a major change to construction standards
- Undertaking an historic work programme and the withdrawal of 57 British Standards
- BSI involvement in Eurocodes development
 - Playing a role in international promotion
 - Supporting products

Mike Low
Standards Director, BSI

EN 1990: Basis of Structural Design

- BS EN 1990, the head Eurocode - its use by the UK practitioner
- Innovative aspect of BS EN 1990
- Background studies to the BSI National Annex for BS EN 1990
- Differences with current UK practice and its impact to the UK practitioner

Professor Haig Gulvanessian CBE
*Civil engineering and Eurocodes consultant;
Associate and former Director of Construction
Division, BRE;
Visiting Professor, Imperial College London*

Eurocode 1: Actions on structures – BS EN 1991

- Architecture, general principles and innovative aspects of Eurocode 1
 - Codes on execution, thermal and accidental action
- Background and pre-normative studies
- Implementation and choice offered through Nationally Determined Parameters (NDPs) in BS EN 1991
- Main concepts and design philosophy of BS EN 1991

Paolo Formichi
TC250/SC1 Technical Secretary, University of Pisa

Eurocode 7: Geotechnical design – BS EN 1997

- Using Eurocode 7
- Use of "Design Approach 1"
- Interfaces with other Eurocodes
- Applying Eurocode 7 in the context of British and European standards

Brian Simpson OBE
Director, Arup Geotechnics

Professional indemnity insurance – making provision for the use of Eurocodes

- How up to date are your internal procedures?
- Why are professional indemnity (PI) insurers concerned?
- Potential consequences (from a PI perspective) if your work does not meet the new Eurocodes
- Risk management makes good sense

Peter Sharp
Director, Aon Limited

Streamed Sessions

See opposite page for session outlines

Case studies

Highways Agency and Parsons Brinckerhoff - implementation strategy for Eurocodes

- Highways Agency strategy for implementing Eurocodes
- A consultancy perspective – the Parsons Brinckerhoff strategy for implementing Eurocodes
- Actions to date and next steps

Steve Denton
*Director of Bridge and Structural Design,
Parsons Brinckerhoff;
Visiting Professor, University of Bath*

Vladislava Flanagan Palan
Senior Structures Advisor, Highways Agency

Case study: Adapting to the use of Eurocodes at Atkins

- Key cultural and technical changes for our designers
- Increasing use of finite element analysis in design
- Preparing designers for Eurocodes - training, guidance and hands-on projects
- How Atkins is using Eurocodes to advantage - bearing replacement on the Forth Bridge

Chris Hendy
Head of Bridge Design and Technology, Atkins

Panel discussion session

Managing the change

**Howard Taylor, Chair, BSI Committee 525,
Structural Design Codes**

**Paolo Formichi, TC250/SC1 Technical Secretary,
University of Pisa**

**Barry Haseltine MBE, Consultant, Jenkins
and Potter**

**Professor R S Narayanan, Consultant,
Clark Smith Partnership**

**Professor Jean-Armand Calgaro, General
Engineer of Bridges and Roads, Ministry of
Environment; Professor, CHEC (Paris);
Chairman, CEN/TC250**

Conference timings

Registration: 09:00

Conference begins: 09:30

Conference closes: 17:00

*Please note, timings are provided for guidance
only and may be subject to change.*

Drinks reception: 17:00 -

Delegates are cordially invited to attend a drinks reception at the close of the conference. The drinks reception is an ideal forum for networking opportunities and discussing the day's findings.

Preparing for Eurocodes

Managing the Change

Streamed sessions

Please note: Streams 1 and 2 run concurrently. **Please indicate your preferred session in each stream when booking.** Online bookings will be contacted by a customer services' representative for their selection.

Stream 1

A1. Working with Eurocodes and concrete structures

- The relationship between Eurocode 2 and other codes
- What Eurocode 2 does and the differences with BS 8110
- Planning for implementation – using formulas to work with Eurocode 2

Mohan Seyan

Regional Engineer (South East), The Concrete Centre

Discussion session: Concrete structures

B1. Working with Eurocodes and composite steel and concrete structures

- Scope of Eurocode 4
- Interfaces with other Eurocodes
- Major aspects of beam design
- Major aspects of column design
- Methods of shear connection

Mike Banfi

*Associate Director - Advanced Technology and Research, Arup;
Committee Chairman, BSI Committee B525/4, Composite steel and concrete structures*

Discussion session: Composite steel and concrete structures

Stream 2

A2. Working with Eurocodes and steel structures

- Change? What change?
- Comparisons with BS 5950 – what to expect and what to do
- Buckling of beams and columns
- Connections
- Technical support for designers

David Brown

Deputy Director, Steel Construction Institute

Discussion session: Steel structures

B2. Working with Eurocodes and timber

- Using Eurocode 5 in conjunction with other Eurocodes
- Working with other sources of information in addition to Eurocodes
- Comparisons with the existing codes and what to expect
- Overcoming initial challenges – checking processes

Roger Davies

Associate, Gifford

Discussion session: Timber structures

Workshop programme 21 October 2009

BSI's conference workshops provide detailed learning, guidance and practical advice through small groups and one to one interaction with highly skilled and knowledgeable tutors. The workshops can provide a greater depth of understanding and enable you to get to grips with challenging and technical subjects.

Change and transition management

A one-day, interactive workshop on change management and how applying tried and tested processes and techniques can support the implementation of Eurocodes.

- Leading a successful change management strategy
- Taking a structured approach: steps to success
- Overcoming obstacles to successful change management
- Engaging and motivating staff through the implementation of new processes connected with Eurocodes
- Managing existing projects through change management.

Kathy Morris

Leap Frog Associates

Workshop timings

Registration: 09:30 **Workshop begins:** 10:00 **Workshop closes:** 16:30

Please note, timings are provided for guidance only and may be subject to change.

About Eurocodes

The Structural Eurocodes are a set of unified international codes of practice for designing buildings and civil engineering structures, which will eventually replace national codes in the European Community.

There are ten Eurocodes, each consisting of a number of parts. EN 1990 – Basis of Structural Design gives all the operative material independent rules (e.g. partial factors for actions, load combination expressions for ultimate and serviceability limit states), and therefore EN 1992 to EN 1999, which do not provide material independent guidance, cannot be used without EN 1990.

Eurocodes have been developed to improve the competitiveness of the European construction industry, both within and outside the European Union. They are innovative and of high technical quality with the most up-to-date information which encompasses expertise from all European countries.

Read more at www.bsigroup.com/eurocodes

About BSI Conferences

BSI conferences bring together key players to learn about latest trends, regulations and topical issues with opportunities for delegates to take part in open discussions and debates led by panels of expert speakers. In addition, these conferences may have workshops or masterclasses running alongside to provide guidance and practical advice.

With relevant and up-to-date information, presented in an accessible and appropriate manner, you will leave one of our events better equipped to face your professional challenges and responsibilities.

www.bsigroup.com/conferences

Sponsorship and partner opportunities

Through BSI conferences and events your company will be able to reach your target market and showcase your products and solutions. If you are interested in promoting your company, its products or services at the conference, please call **020 8996 7371** or email conferences@bsigroup.com

If you would like to work with BSI on a contra basis as either a supporting organization or a media partner for the conference, please call **020 8996 7497** or email michaela.wiseman@bsigroup.com

Conference outline

The key theme of this conference and workshop is how to manage the change from existing British Standards to the Structural Eurocodes. Streamed sessions focus on different materials and a panel discussion session will give you access to Eurocodes experts who have both technical and theoretical knowledge.

Sessions include practical detail on implementation techniques and how to prepare your workforce for using Eurocodes. Case studies and real-life examples show where the use of Eurocodes has benefited a project and enhanced the end result.

Benefits of attending

- Hear detailed information on how to manage the change from existing standards to Eurocodes
- Learn which Eurocodes you should use and when you should start
- See how your organization can gain a competitive advantage by implementing Eurocodes now
- Hear case studies from organizations already using Eurocodes.

Who should attend?

All those in both the private and public sector responsible for implementing and using Eurocodes, including:

- Structural engineers
- Civil engineers
- Architects
- Designers
- Manufacturers and producers of construction products
- Contractors.



Preparing for Eurocodes

Managing the Change

20-21 October 2009 – CBI Conference Centre, London

FIVE EASY WAYS TO BOOK

DELEGATE DETAILS

1 Mr/Ms/Miss/Mrs/Dr/Other	First Name(s)	
Surname		
Job Title	Organization	
Address		
	Postcode	Country
Tel	Fax	
Email		
BSI Membership No. (if applicable)		

PRICING

Early bird pricing (Book by 12 August) Please <input checked="" type="checkbox"/> your selection(s)	Conference only 20 October 2009	Conference & workshop 20-21 October 2009
Standard rate Non-member	<input type="checkbox"/> £319.20 + VAT (£367.08)	<input type="checkbox"/> £519.20 + VAT (£597.08)
Standard rate Member*	<input type="checkbox"/> £287.28 + VAT (£330.37)	<input type="checkbox"/> £467.28 + VAT (£537.37)
Public sector Non-member	<input type="checkbox"/> £239.20 + VAT (£275.08)	<input type="checkbox"/> £399.20 + VAT (£459.08)
Public sector Member*	<input type="checkbox"/> £215.28 + VAT (£247.57)	<input type="checkbox"/> £359.28 + VAT (£413.17)
SME rate† Non-member	<input type="checkbox"/> £279.20 + VAT (£321.08)	<input type="checkbox"/> £459.20 + VAT (£528.08)
SME rate† Member*	<input type="checkbox"/> £251.28 + VAT (£288.97)	<input type="checkbox"/> £413.28 + VAT (£475.27)
Standard pricing Please <input checked="" type="checkbox"/> your selection(s)	Conference only 20 October 2009	Conference & workshop 20-21 October 2009
Standard rate Non-member	<input type="checkbox"/> £399.00 + VAT (£458.85)	<input type="checkbox"/> £649.00 + VAT (£746.35)
Standard rate Member*	<input type="checkbox"/> £359.10 + VAT (£412.96)	<input type="checkbox"/> £584.10 + VAT (£671.71)
Public sector Non-member	<input type="checkbox"/> £299.00 + VAT (£343.85)	<input type="checkbox"/> £499.00 + VAT (£573.85)
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SME rate† Non-member	<input type="checkbox"/> £349.00 + VAT (£401.35)	<input type="checkbox"/> £574.00 + VAT (£660.10)
SME rate† Member*	<input type="checkbox"/> £314.10 + VAT (£361.21)	<input type="checkbox"/> £516.60 + VAT (£594.09)

Discounts:

* Member discount applies to members on provision of appropriate membership number or booking code on conference and/or workshop bookings

† An SME is defined as an organization that employs fewer than 250 persons and which have an annual turnover not exceeding £45.5 million.

If you have 5 or more delegates, please contact +44 (0)20 8996 7409 about group packages.

Please note: Please indicate your preferred session in each stream when booking.

Stream 1	A1 <input type="checkbox"/>	B1 <input type="checkbox"/>
Stream 2	A2 <input type="checkbox"/>	B2 <input type="checkbox"/>

Total Payable: £

PAYMENT DETAILS

Cheque: Please make payable to BSI

Credit Card: Please complete as follows

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07/09

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Conference Information

Full joining instructions will be sent upon receipt and confirmation of your booking. If you have not received your confirmed instructions within 3 days, please call Customer Services on +44 (0)20 8996 9001 to confirm your booking has been placed.

Terms and Conditions: Transfer and Cancellation

All cancellations and transfer requests must be made in writing to the Head of Delegate Administration in Customer Services, either by email, fax or letter, contact details above. This will be acknowledged in writing.

Transfers

There is no charge for changing a delegate name providing the request is received no less than 20 working days before the start of the event. Any request received 19-0 working days before the start of the event will be subject to a transfer charge of 20% of the fee.

Cancellation

There is no charge for cancellations received no less than 40 working days before the start of the event. Any cancellation received 39-16 working days before the start of the event will be subject to a cancellation charge of 25% of the fee. Any cancellation received 15-0 working days before the start of the event will be subject to a cancellation charge of 100% of the fee. If a delegate fails to attend the event, the full fee is payable.

Because networking with delegates from other companies add to the quality of our events, it may be necessary to cancel an event if the delegate numbers are too low. We reserve the right in our absolute discretion and without liability to cancel any event, in which case all monies will be refunded. If you are making travel or accommodation arrangements we recommend that you check the status of the event with our customer service department first. We reserve the right at any time and without prior notice to change the venue and/or speakers and/or programme from that described in the brochure. Prices are correct at time of print but may be subject to change. We accept no responsibility for the views expressed by the speakers or any other persons present at the event.

