

The CIBSE BIM Edge Debate – Delivering L2 by 2016

Thursday 7th March 2013



Synopsis

Building Information Modelling is the hot topic this year so we are bringing together a panel of experts within their respective fields to discuss BIM and how it's already having an impact on our industry! The debate will focus on how we as an industry deliver collaborative Level 2 BIM by 2016. We know that the UK Government has embarked with industry on a four year programme for sector modernisation with the following key objective:

- reducing capital cost
- reducing the carbon burden from the construction and operation of the built environment by 20%.

Central to these ambitions is the adoption of information rich Building Information Modelling (BIM) technologies, process and collaborative behaviors that will unlock new, more efficient ways of working at all stages of the project life-cycle. <http://www.bimtaskgroup.org/>

Questions such as, is CIBSE behind the times? and how do we best integrate the process between the different professions? will be tackled.

The Chair

Mike Murray – Director, One

The Panel

1. Paddy Conaghan – CIBSE HQ BIM champion
2. Steve Race – Construction Industry Council
3. Ben Roberts – Hoare Lea
4. CODA Architects – Ronnie Rennoldson CODA Architects

The Edge, is a campaigning built-environment think tank and contains a high number of single-discipline institutions. It is incumbent upon the professional institutions to take a lead and work ever closer together; The Edge has made a great start in this. For more information: <http://www.edgedebate.com>

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Mike Murray – Tonight's Chair Director

One - multi-disciplinary consultancy

A member of the Edge, Mike Murray is a Chartered Engineer with 28 years experience in integrated Design Management and Construction, holding both a Bachelors degree in Building Services and a Doctorate in software simulation from Loughborough University.

With project experience ranging from biological research and production, chocolate manufacture, refurbishment of Owen Williams' listed buildings for Boots at Nottingham and a Framework Agreement with BAA; Mike has an in-depth understanding of the issues arising from interdisciplinary design and its integration with construction delivery.

Mike sees innovation and research as an integral part of a vibrant business, having led highly successful collaborative research project in design management in conjunction with Loughborough University. The research effort spawned a 'spin-out' company which specialises in analysis and planning complex decision making. He is also co-author of Design Chains – a handbook for integrated collaborative design which applied a design management perspective to supply chain integration.

Mike was formerly a Vice President of CIBSE where he had portfolio responsibility for regions and groups. Mike has previously chaired the CIBSE Project Management Group and been an active member of CIBSE Patrons, a grouping of industrialists who support the institution.

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The Panel



Paddy Conaghan

BSc (Hons) CEng MEI MCIBSE FConsE

CIBSE BIM Champion

Hoare Lea

Paddy Conaghan was a senior partner and strategist at Hoare Lea for 20 years – a period of 5-fold organic business growth and increasing reputation. A practising engineer, he ran landmark projects, while heading the firm's R & D and sustainability missions.

He retired in 2010 to pursue wider interests in the built environment agenda, more freely to challenge its problems and problem-makers and to involve more in promoting interdisciplinary collaboration.

Now, he chairs the CIBSE BIM Group, is a member of the RIBA Visiting Board, the Edge Committee, the 2014 REF Built Environment Panel and the CIBSE Journal Review Panel. He is also a visiting fellow at LSBU.

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Steve Race
Regional BIM Ambassador
Construction Industry Council

Steve Race is currently employed by the Construction Industry Council as the Regional BIM Ambassador. The role is to provide linkage between the GCS BIM task group, local CIC Nation and Region committees and the recently launched BIM Regional hubs.

Steve Race started his architectural career in 1974 at Oxford Regional Health Authority, which developed one of the world's first three dimensional, multi-disciplinary, building modelling systems. It would now be called a BIM system. ORHA was involved in think tanks with leading politicians at the time to explore how the Health Service property portfolio could be managed in future with CAD.

He has been involved in many European and national research and pilot programmes for what is now called BIM.

Steve was assistant technical co-ordinator in the UK for the manufacture of IFC's for eight years. He has been involved in national and international standards committees for over twenty five years. Steve has been involved in many European and national research and pilot programmes for what is now called BIM.

For five years Steve taught Management Practice and Law at Oxford Brookes University at Degree and Diploma levels and ran the Part3 course which enables young student architects to enter the legal register. He was researching into Cyberlaw and Virtuality, something which he believes is critical for the future of the architectural profession and the construction industry.

Steve is a member of the RIBA Construction Strategy Group with a focus on BIM and Higher Education.

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Ben Roberts
BIM Champion
Hoare Lea



Ben Roberts is a senior mechanical engineer at Hoare Lea Consulting Engineers. He has worked as an engineer on BIM projects since 2009 and is now the BIM champion for Hoare Lea.

This role includes developing the use of software tools, training new teams and supporting new BIM projects around the practice. His particular focus is on improving workflows and efficiencies for engineers, re-using models for analyses and improving the calculation capabilities within BIM models.

Ben is also an active member of the CIBSE BIM steering group, the BSRIA BIM Network, and is involved in developing many industry standards for MEP BIM delivery. He has recently written articles for the RICS Construction Journal and the CIBSE Journal, both on the subject of BIM.

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Ronnie Rennoldson
Director
CODA Architects

Ronnie Rennoldson is a director of CODA Architects with the responsibility for the design and delivery of Healthcare and Specialist design projects such as the café at Blaise castle, the Tebay Motorway Services on the M6 (the only Egon Ronay recommended service station in the UK) and the award winning Bristol Heart institute, part of the £135m multiphase redevelopment of the Bristol Royal Infirmary.

He has a particular interest in the incorporation of Art within Architecture and is responsible for BIM policy within CODA Architects.



Ashley Smith
Associate Director
CODA Architects

Ashley Smith is Associate Director at CODA Architects with responsibility for the design and delivery of Healthcare and Education projects such as the new £80m Ward block at the Bristol Royal Infirmary where he managed the BIM interfaces between the architectural team and the other consultant teams.

He has a particular interest in sustainability along with the implementation of BIM policy throughout CODA Architects.

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Up & Coming CIBSE Events

- 14th March -** A Review Of The General Design & Installation Principles Associated with Rainwater Recovery Systems
Venue: The Architectural Centre, Bristol. Start 6pm
- 20th March -** Charity Quiz - CIBSE South West Young Engineers are holding our **first** Charity Quiz! Come along and test you and your team's general knowledge skills along with a specialist round on engineering. Start 7pm
- 11th April -** The Green Deal & AGM. Start 6.30pm

Contact rebecca.davies2@hays.com if you are interested in attending any of the above!