

# delta

BSRIA

May 2014 . [www.bsria.co.uk](http://www.bsria.co.uk)

## **THE HIDDEN MENACE OF CORROSION IN HEATING AND COOLING SYSTEMS**

**European Connected  
and Smart Home  
Market set to reach  
€0.6 billion by 2015**



**Andrew at the Helm**  
looking back at his  
remarkable career at BSRIA

**RETROFITTING  
FOR A GREENER  
FUTURE**



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- 04 Barrat Homes, UK national house builders, realise the importance of Performance Evaluation for their new development at Hanham Hall**

BSRIA works with Barratt Homes on a large scale dwelling performance evaluation.

- 06 European connected and Smart Home Market set to reach €0.6 billion by 2015**

Findings taken from the BSRIA smart homes study completed by our team of experts in the worldwide market intelligence division.

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Written by our guest writer Andrew Burke from the National Housing Federation.

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As the CEO of BSRIA retires, he shares the experiences of his remarkable career.

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- 16 Making buildings better**

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David Churcher discusses how an accurate assessment can be made.

- 24 Retrofitting for a greener future**

Written by our second guest writer David Daniels from Broadlands

## News

- 19 PAS 1192-3 released**

**Get girls plumbing!**

**Rapid growth maintained in the UK construction industry**

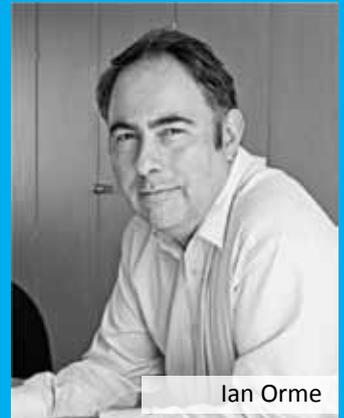
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# MESSAGE FROM THE BSRIA TEAM



Ian Orme

Team Leader and Principal Consultant

Sustainable Construction Group

Welcome to this latest edition of Delta T that considers a number of the issues effecting the residential sector at the moment. The sector is seeing continued growth in the new homes market, but challenges abound. The latest changes in the requirements of Part L of the Building Regulations have come into force, the social housing sector faces challenges over

funding arrangements, and the continued debate around the quality and performance of the finished product.

The Zero Carbon Hub launched its latest report on the evidence for the performance gap in new homes at EcoBuild in March. BSRIA has contributed to the evidence considered and helped evaluate the

possible impacts for the industry. The report highlights 15 issues as being a priority for action, and establishes that the common themes of communication, responsibility for the energy performance, and a lack of appropriate skills and knowledge are all regularly contributing to the performance gap.

We take a look at how

house builders in both the private and public sector are seeking to improve the energy performance of their dwellings, and how changes in technology might influence our future homes.

I hope you enjoy this edition of Delta T and we look forward to working with you.

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# Delta T

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# Training

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KCE FM Limited  
KGB Commercial Heating  
London Borough of Hackney  
London Commissioning Services Ltd  
MBE Consultants Limited  
MJC Environmental Services Ltd  
Potteries Mechanical Services Ltd  
Prime Environmental Services Ltd  
Ridge & Partners LLP  
Southend on Sea Borough Council  
St George's University of London  
Wolseley UK Limited

## Networks

### **Decarbonising heating and cooling**

**- 16th May**

BSRIA has been assisting DECC review its low carbon heating and cooling strategy for non-domestic buildings, and this is an opportunity for you to both hear about policy and practice, but perhaps more importantly to provide an input into the evolving DECC strategy in this area.

### **Measure to manage**

**- 4th July**

This is a workshop that will show you the benefits of benchmarking

## BSRIA TRAINING COURSES

### **Soft Landings Level 1**

**- 3rd June**

Delegates will learn about this process for graduated handover and aftercare that aims to improve building performance and occupant satisfaction.

[www.bsria.co.uk/goto/sf1](http://www.bsria.co.uk/goto/sf1)

### **Introduction to Economic and Environmental Appraisal**

**- 5th June**

This course will provide an introduction to both life cycle costing and life cycle assessment and will explain how to interpret the results.

[www.bsria.co.uk/goto/lcatraining](http://www.bsria.co.uk/goto/lcatraining)

### **Implementing BIM – preparing your BIM implementation plan**

**- 10th June**

New course aimed at organisations, particularly those with asset portfolios and estates, who want to develop a BIM implementation plan for their business.

[www.bsria.co.uk/goto/implementbim](http://www.bsria.co.uk/goto/implementbim)

### **Understanding Part L and F**

**- 12th June**

Delegates will gain an understanding of Part L (including 2014 updates) and Part F and an appreciation of how these apply to building work.

[www.bsria.co.uk/goto/partlf](http://www.bsria.co.uk/goto/partlf)

### **Introduction to Electrical Power Quality**

**- 26th June**

This course will help delegates overcome common power quality problems and get hands-on experience with using power quality analysers.

[www.bsria.co.uk/goto/iep](http://www.bsria.co.uk/goto/iep)

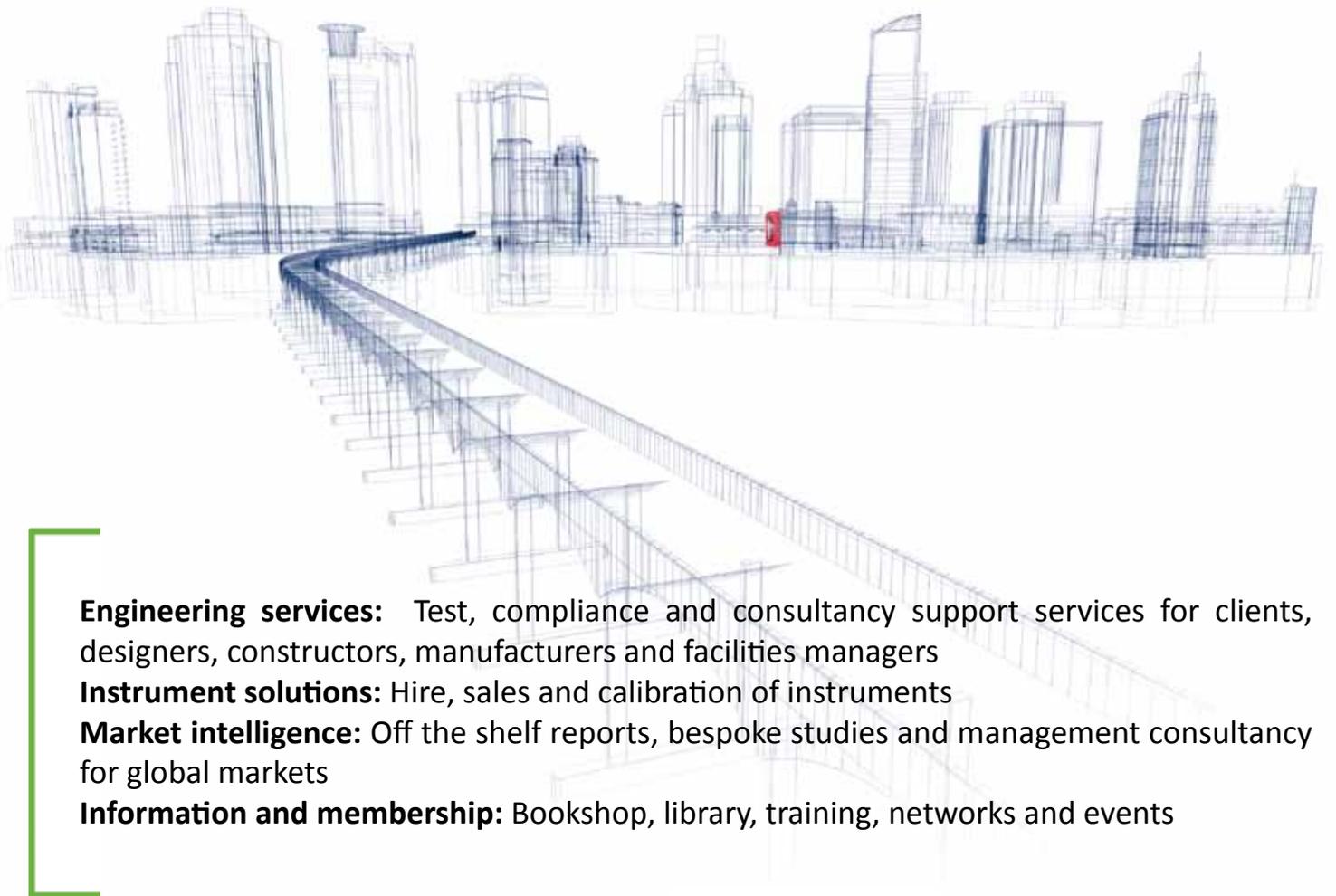
### **Advanced Life Cycle Costing**

**- 2nd July**

New course covers the more advanced techniques used in life cycle costing such as modelling complex life cycles and sensitivity analysis.

[www.bsria.co.uk/goto/advancedlcc](http://www.bsria.co.uk/goto/advancedlcc)





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