RETROFITTING FOR ENERGY EFFICIENCY EUROPE

Deliver Feasible Upgrades & Measurable Savings that Secure You Business in the New Wave of Retrofitting

America Square Conference Centre, London, 15th - 16th February 2011

Architects, Project Managers & Property Owners Unite to Discuss Winning Approaches to Deliver Cost-Effective Retrofit & Refurbishment Projects!

Insightful Case Studies from Leaders Responsible for Delivering Innovative Retrofit & Refurbishment Strategies

- How to Ensure that Energy Saving Actions Reflect on the Tenants Utilities Bills
- Monitoring the Building Performance after the Retrofit
- Conservation of Fuel and Power - How will Legislation Part L affect you?
- Learn about the New Building Refurbishment Standards launched in 2011
- Exclusive insights into Green Building case study

Tailor-made Interactive Masterclasses - Sign up Now!

A  Learn about the new legislation on building performance
  Patrick Brown, Assistant Director Sustainability, British Property Federation

B  A must know new BRE refurbishment standard launched in 2011
  Gavin Summerson, Senior Consultant at Building Research Establishment, BRE

The only meeting you need:

- New Technology Insight! Find out how to successfully incorporate new technologies into your retrofitting procedures to ease and accelerate the process
- Case-Study Intensive: Hear about successful retrofitting processes that directly increased star rating & benchmark your strategies against them
- Getting your ROI: Understand how to get the best return on investment on your retrofitting projects

Our Pioneering 15 Speaker Line up:

Gavin Summerson, Senior Consultant at Building Research Establishment, BRE
Michael Rushe, Architect, ICE Architects
James Thonger, Project Manager, Arup
Patrick Brown, Assistant Director - Sustainability, British Property Federation
Julian Lipscombe, Architect, Bennetts Associates
Ant Wilson, Director of Sustainable Buildings, AECOM
Victoria Hughes, Innovation and Sustainability Manager, VINCI Facilities
Svend Andreas Kragh, Project Manager Innovation, MT Hojgaard Copenhagen
Deryck Silk, Associate Director, Engineering, PRUPIM
Andrew Mellor, Director Environmental Services, PRP Architects
Neil Pennell, Head of Sustainability and Engineering, LAND SECURITIES
David Smith, Architect, WATERLAND Associates
Michael Barham, Service Engineer and Low Carbon Consultant, Cunnington Clark
Judith Britnell, Carbon Consultant, University of Cambridge (at the time of the project)

VIP Presentation

““This conference offers real initiatives for improving our building stock from leading industry professionals”

David Smith, Architect, Waterland Associates

For further details Telephone +44 (0)20 7368 9300
Email: enquire@iqpc.co.uk Web: www.retrofittingeurope.com
Dear Colleague,

Do you know how to develop and execute an effective retrofit strategy, which avoids unforeseen costs?

When we finally put together a budget to retrofit we are still not safe from unexpected charges and subsequent changes to the design plan. Retrofitting for Energy Efficiency Europe will directly address the most pressing challenges when planning, designing and executing your retrofit project.

With Europe and UK governmental focus on building performance standards continually tightening, construction companies, architects and consultants now need to cater for increased client expectations. Retrofitting for Energy Efficiency will enable you to produce projects that:

- Adopt the most innovative techniques that will help you achieve significant improvements in energy efficiency
- Allow you to maximise the value out of your retrofit project - both energy and financial optimisation strategies
- Enable you to execute a seamless retrofit project whilst keeping the building productive

Our impressive speaker faculty is second to none with Vinci, Bouygues & MT Hojgaard confirmed – we are setting a high-quality standard for our agenda and the types of discussions you can expect to hear at the conference. From new legislation compliance strategies to insightful analysis of new technologies being deployed across retrofit projects, you’ll walk away with the practical and applicable insight you need.

Mark your diary with the dates 15th and 16th February 2011 and don’t miss out on this cutting-edge industry event.

Looking forward to seeing you in London!

Best regards,

Sintija Dobrotinsek
Conference Director
Construction IQ

PS. Don’t forget to register for the intensive Masterclasses when you sign up for the conference!

www.retrofittingeurope.com
Call +44 (0)20 7368 9300 Fax +44 (0)20 7368 9301 Email enquire@iqpc.co.uk

From our previous event:

“The most important current challenge for property industry is what we do with our existing buildings.”

Jeff Robinson, Sustainable Buildings Leader, AURECON
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Registration &amp; Coffee</td>
<td></td>
</tr>
<tr>
<td>09:15</td>
<td><strong>How to Ensure That Energy Saving Actions Reflect on the Tenants Utilities Bills</strong>&lt;br&gt;Learn about sub-metering systems and how it can incentivise tenants’ behaviour&lt;br&gt;Sub-metering systems’ key tool for increasing efficiency and lowering energy consumption&lt;br&gt;Where else can we use sub-metering systems&lt;br&gt;<strong>Deryck Silk,</strong>&lt;br&gt;Associate Director, Engineering, <strong>PRUPIM</strong></td>
<td></td>
</tr>
<tr>
<td>09:45</td>
<td><strong>Assess the Feasibility of the Design Plans for Retrofit</strong>&lt;br&gt;Overcome the discontinuity between architectural plans and the construction execution – bridging the gap&lt;br&gt;Delivering the blueprints – understand the language of architects and the science behind the designs&lt;br&gt;Successful methods of managing stakeholder relationships and aligning expectations&lt;br&gt;<strong>Andrew Mellor,</strong>&lt;br&gt;Director Environmental Services, <strong>PRP Architects</strong></td>
<td></td>
</tr>
<tr>
<td>10:45</td>
<td><strong>Morning Coffee &amp; Networking</strong></td>
<td></td>
</tr>
<tr>
<td>11:15</td>
<td><strong>How to Successfully Install New Services in an Old Building</strong>&lt;br&gt;Incorporate innovation into retrofit solutions to improve the buildings energy performance&lt;br&gt;How to get the best quality equipment and stay within budget&lt;br&gt;Understanding the capability of the building structure and overcome structural limitations of the existing building&lt;br&gt;<strong>Neil Pennell,</strong>&lt;br&gt;Head of Sustainability and Engineering, <strong>LAND SECURITIES</strong></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td><strong>Retrofit and the Occupant</strong>&lt;br&gt;Consultation – who speaks for the occupant? Educating the retrofit to building occupants&lt;br&gt;Retrofitting and maintaining building operation – experience from residential intervention&lt;br&gt;The end result following retrofit – why forecast energy use can often be wrong&lt;br&gt;<strong>Michael Rushe,</strong>&lt;br&gt;Architect, <strong>ICE Architects</strong></td>
<td></td>
</tr>
<tr>
<td>13:45</td>
<td><strong>Learn from the Greats: Uniliver House Retrofit</strong>&lt;br&gt;How to achieve Breeam “Excellent” rating&lt;br&gt;Successful approaches to retain 60% of the original building and thus protect our heritage&lt;br&gt;Successfully source local materials for a more sustainable build&lt;br&gt;<strong>James Thonger,</strong>&lt;br&gt;Project Manager, <strong>Arup</strong></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td><strong>The Carbon Reduction Commitment, How has it worked so far?</strong>&lt;br&gt;Buildings and climate change&lt;br&gt;Current barriers to energy efficient behavior in rented non-domestic buildings&lt;br&gt;Does CRC address these problems or perpetuate them?&lt;br&gt;<strong>Patrick Brown,</strong>&lt;br&gt;Assistant Director Sustainability, <strong>British Property Federation</strong></td>
<td></td>
</tr>
<tr>
<td>15:15</td>
<td>Afternoon Tea &amp; Networking</td>
<td></td>
</tr>
<tr>
<td>16:45</td>
<td><strong>End of Day One</strong></td>
<td></td>
</tr>
</tbody>
</table>

---

"To help the UK reduce carbon emissions it is vital that we understand how to deliver refurbished buildings with a very low carbon impact."

**Ant Wilson,** Director of Sustainable Buildings, **AECOM**
08:30 Registration & Coffee

09:15 A New Approach for Sustainable Buildings with Smart Materials
- Understand the ‘design gap’ using post occupancy evaluation
- Address human interaction to enhance building performance
- Find out how energy audits and new building fabrics can help you fully understand your building
- Insight into the retrofit options that can help you reduce energy demands and carbon

Victoria Hughes, Innovation and Sustainability Manager, VINCI Facilities

10:00 The Challenges of Heritage Buildings and How to Achieve Best Building Performance
- How to retrofit in with compliance with heritage laws
- Planning strategies to manage waste disposal and recycling methods to lower your impact on the environment
- Best practice retrofitting examples from heritage properties

Gavin Summerson, Senior Consultant at Building Research Establishment, BRE

10:45 Morning Coffee & Networking

11:15 Understand where daylight design sits within Sustainable building design
- Don’t waste 20% of your electricity usage with inefficient lighting
- Why consider lightning design in conjunction with the daylight design
- Best case examples of daylight design that will improve the efficiency and living conditions

12:00 Develop a Building Upgrade Program that Will Help You Improve Energy Efficiency
- The use of audit to ensure compliance of your retrofit building project
- How to avoid unforeseen cost later in the construction schedule
- Case studies of successful upgrade programs that you can learn from

Svend Andreas Kragh, Project Manager Innovation, MT Højgaard Copenhagen

12:45 Lunch & Networking

13:45 Establish a Co- and Tri- Generation Unit to Increase Building Performance
- How to combine heat, power and cool units to reduce energy costs
- Ways you can use waste heat as a source of energy
- Learn about the current limitations in design, installation and connection
- How to extend the potential of co-and tri-generation units in the future

STC: Bouygues Construction

15:15 Afternoon Tea & Networking

15:45 Lean Construction for better Procurement, Production Planning, Logistic and Construction Strategies to minimise premature & delayed inputs
- Understand where the value is for your customer and not use resources unnecessary services and products
- Manage your supply logistic and save time and money

Julian Lipscombe, Architect, Bennetts Associates

16:30 Lessons Learned from Defra Alnwick & Target Zero
- How to apply passive design, energy efficiency and clean power generation to achieve low carbon building
- Facility management training that will improve the building efficiency
- Be prepared for the challenges ahead - urban heat island effect & climate change

Ant Wilson, Director of Sustainable Buildings, AECOM

17:15 End of Conference

---

Call +44 (0)20 7368 9300   Fax +44 (0)20 7368 9301   Email enquire@iqpc.co.uk

Sign up for the evening Masterclasses when booking for the conference. Learn more at this 2 day conference than at a 2 week training course! Sign up at: www.retrofittingeurope.com
**Evening Masterclasses in Retrofitting**

Deliver Feasible Upgrades & Measurable Savings that Secure You Business in the New Wave of Retrofitting

America Square Conference Centre, London, 15th - 16th February 2011

**Masterclass A - Wednesday 15th February: 17:00-19:00**

**Green Deal Finance for public and non-domestic buildings**

- Learn how Green Deal will affect your business
- What do you have to know about it?
- What will the Green Deal aim to achieve?

**Patrick Brown, Assistant Director Sustainability, BPF**

Patrick Brown is Assistant Director with responsibility for Construction & Sustainability at the British Property Federation, a UK organisation which represents the interests of those who own or invest in property. He also provides Secretariat to the Green Property Alliance, a group of UK property member organisations seeking to collaborate on sustainability issues and exchange information and is the project lead on a rented property measurement and benchmarking tool, LES-TER. He has also been managing a cross-industry group which has produced a guide and an industry consultation on how the costs and benefits of the Carbon Reduction Commitment can be apportioned in a landlord and tenant context.

**Masterclass B - Thursday 16th February: 17:30-19:30**

**A Must Know New BRE Refurbishment Standard Launched in 2011**

- Key reasons why controls don’t work as we expect them to
- Understand the need for a higher intelligence
- The myth of open systems and how to avoid issues with technical maintenance

**Gavin Summerson, Senior Consultant at Building Research Establishment, BRE**

Gavin works in the BREEAM Housing Team at BRE Global. He leads on the development of EcoHomesXB and a new BREEAM Housing Refurbishment scheme comparable to a Code for Sustainable Refurbishment. He has supported the development of the Code for Sustainable Homes, EcoHomes, EcoHomesXB and BREEAM Multi-Residential. He specialises in water and ecology and is the author of The Water Efficiency Calculator for New Dwellings.

**Meet Prospects for your Retrofitting Solution**

80% of our delegates will use this event primarily to network with the leading solution providers for retrofitting.

Attendees are interested in hearing about solutions to:

- Assist with energy monitoring & management systems
- Increase sustainability
- Provide lighting control

If you have a solution for developers, owners, architects, or construction companies, we can help connect you with your prospects. Our conferences attract senior players responsible for budget allocation.

For sponsorship opportunities, contact Tana Forte on +44 (0)207 368 9300 or sponsorship@iqpc.co.uk

Visit [www.retrofittingeurope.com](http://www.retrofittingeurope.com)

---

For further details  Telephone +44 (0)20 7368 9300  
Email: enquire@iqpc.co.uk  Web: [www.retrofittingeurope.com](http://www.retrofittingeurope.com)
Retrofitting for Energy Efficiency Europe

Deliver Feasible Upgrades & Measurable Savings that Secure You Business in the New Wave of Retrofitting

America Square Conference Centre, London, 15th - 16th February 2011

To speed registration, please provide the priority code located on the mailing label or in the box below.

My registration code is: PDSW

Please contact our database manager on +44(0) 207 368 9300 or at database@iqpc.co.uk quoting the registration code above to inform us of any changes or to remove your details.

** PROPERTY DEVELOPERS/LAND OWNERS**

<table>
<thead>
<tr>
<th></th>
<th>Register &amp; pay by 12 November 2010*</th>
<th>Register &amp; pay by 10 December 2010*</th>
<th>Register &amp; pay by 14 January 2011*</th>
<th>Standard Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference + 2 Masterclasses</td>
<td>Save £350 £1100 + VAT</td>
<td>Save £250 £1200 + VAT</td>
<td>Save £150 £1300 + VAT</td>
<td>£1450 + VAT</td>
</tr>
<tr>
<td>Conference + 1 Masterclass***</td>
<td>Save £350 £800 + VAT</td>
<td>Save £250 £900 + VAT</td>
<td>Save £150 £1000 + VAT</td>
<td>£1150 + VAT</td>
</tr>
<tr>
<td>Conference only</td>
<td>Save £350 £500 + VAT</td>
<td>Save £250 £600 + VAT</td>
<td>Save £150 £700 + VAT</td>
<td>£550 + VAT</td>
</tr>
<tr>
<td>Master class only(each)***</td>
<td>£350 + VAT</td>
<td>£250 + VAT</td>
<td>£150 + VAT</td>
<td>£850 + VAT</td>
</tr>
</tbody>
</table>

* To qualify for discounts, payment must be received with bookings by the early registration deadlines. Early booking discounts are not valid in conjunction with any other offer. UK VAT will be charged at 17.5%. UK VAT registration number GB 799 2259 67

** Property developers/land owners discounted rates apply to property developers/land owners only

*** Please select your choice of Master class. A, B, C

DELEGATE DETAILS (please photocopy for each additional delegate)

- Mr  Mrs  Miss  Ms  Dr  Other

First Name  Family Name
Rank  Job Title
Tel No.
Email
- Yes I would like to receive information about products and services via email
- No

Organisation
Nature of business
Address
Postcode Country
Telephone  Fax
Approving Manager
Name of person completing form if different from delegate:
Signature

I agree to IQPC’s cancellation, substitution and payment terms

Special dietary requirements:  Vegetarian  Non-dairy  Other (please specify)
Please indicate if you have already registered by Phone  Fax  Email  Web
Please note: if you have not received an acknowledgement before the conference, please call us to confirm your booking.

PAYMENT DETAILS

Total price for your Organisation: (Add total of all individuals attending):
Card Type:  VISA  M/C  AMEX
Card Number:
Exp. Date:
Name On Card:
Signature:
Billing Address (if different from below):

Terms and Conditions

- Team Discounts: Register 3 places for the price of 2

- Venue & Accommodation

- Terms and Conditions

- Data Protection

- Payment Details

5 EASY WAYS TO REGISTER

Web: www.retrofittingeurope.com
Phone: +44 (0)207 368 9300
Fax: +44 (0)207 368 9301
Email: enquiries@iqpc.co.uk
Post: Customer Service Department, IQPC Ltd., 129 Wilton Road, Victoria, London, SW1V 1JZ, UK

Please quote with 19517.001 remittance advice.


5 EASY WAYS TO REGISTER

- Web: www.retrofittingeurope.com
- Phone: +44 (0)207 368 9300
- Fax: +44 (0)207 368 9301
- Email: enquiries@iqpc.co.uk
- Post: Customer Service Department, IQPC Ltd., 129 Wilton Road, Victoria, London, SW1V 1JZ, UK

Please quote with 19517.001 remittance advice.