

# SUSTAINABLE BUILDING SCOTLAND

27 January 2009, Glasgow Science Centre

## PROGRAMME

<b>08:30-09:00</b>	<b>Registration and Morning Refreshments</b>
<b>09:00-09:10</b>	<b>Chairman's Opening Remarks</b> David Birbeck*, Chief Executive, Design for Homes
<b>09:10-09:30</b> <b>KEYNOTE</b>	<b>KEYNOTE ADDRESS</b> Nicola Sturgeon*, Deputy First Minister, Scottish National Government
<b>09:30-10:00</b>	<b>The EU's Approach Towards Sustainable Construction: the Lead Market Initiative on Sustainable Construction</b> <ul style="list-style-type: none"> <li>• Screening national building regulations towards sustainability requirements</li> <li>• The framework for the construction supply chain to cope with improved energy performance in buildings requirements</li> <li>• Assessing the innovation potential and cumulative effects of the EU legislation on the industry</li> <li>• Overcoming the barriers of lack of expertise and qualifications</li> <li>• The role of insurance to support sustainable construction</li> <li>• The business case for collaborative working in construction projects</li> </ul> <b>Antonio Paparella*, DG ENTR – Construction, Pressure Equipment and Metrology, European Commission</b>
<b>10:00-10:30</b>	<b>Recent Changes in Scottish Government Policies and Legislation Regarding Renewables and Building Standards</b> <ul style="list-style-type: none"> <li>• An update on current issues particularly pertinent to the January 2009 dates</li> <li>• Energy Performance Certificates the 4th January deadline and its implications</li> <li>• Bringing public consent into the loophole in light of saving costs and energy efficiency concerns</li> <li>• Updating Building Regulations to reflect stringent requirements</li> <li>• Government funding for renewables</li> <li>• Support for the renewables industry in Scotland</li> <li>• Does Scotland hold the potential to deliver non-fossil fuel energy solutions to the wider UK?</li> <li>• How might the current 'on-site' renewable obligation be adapted to realise this?</li> </ul> <b>Dr Linda Sheridan*, Sustainability, Scottish Government Building Standards</b>
<b>10:30-10:40</b>	<b>Delegate Q&amp;A</b>

\* *Invited, subject to final confirmation*

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<p><b>10:40-11:00</b></p>	<p><b>Coffee Break</b></p>
<p><b>11:00-11:50</b> <b>PANEL DISCUSSION</b></p>	<p><b>Panel Discussion: The Economics of Sustainability: Will it Delivering Good Value for Money, Is it Good for Business?</b>  <b>Panel Framer (by Malcolm McRobert, Director Corporate Responsibility and Sustainable Development, Sustainability Insight Limited):</b> Today, competing and winning requires sustained financial performance and continual technological innovation along with a commitment to appropriately address environmental and social impacts. The challenge is to balance these with the commercial goals of the organisation. The companies that succeed in the 21st century will be those that can achieve this balance consistently and view areas like environmental impact management as an appropriate part of their commercial operations and as an opportunity rather than a responsibility. Increasingly internal and external stakeholders want to know about a company's approach towards Carbon Management, CO2 emissions and other environmental impacts. Businesses must address this need and be able to demonstrate appropriate behaviour in environmental, economic and social programs. Addressing the environmental, economic and social impacts of a business and contributing appropriately to the economic development of our society is often described as Corporate Responsibility and Sustainable Development. The questions, which lie at the heart of any company's investigations of this area, are;</p> <ul style="list-style-type: none"> <li>• Why is it relevant to them?</li> <li>• What are its boundaries?</li> <li>• How do they gain control?</li> </ul> <p>Most organisations have been getting this badly wrong. Gaining strategic control CR will pay off financially only when the activity is focused and connected to the company's core business strategy, rather than treated as an additional bolt-on, making CR, CS &amp; SD valuable requires CR, CS &amp; SD efforts to be relevant to their business operations and their specific stakeholders.</p> <ul style="list-style-type: none"> <li>• Financial implications of building sustainably</li> <li>• How to decide what is commercially viable in the present market?</li> <li>• Understanding life cycle and whole life costing</li> <li>• The link between procurement and sustainable building</li> <li>• Importance of housing management to achieve sustainability objectives</li> <li>• Making sustainability cost effective: what are the financial gains from adopting a sustainable approach procurement through build to evaluation</li> <li>• Proving the business case: looking at costs over the long term and demonstrating the viability</li> </ul> <p style="text-align: center;"><b>Moderator:</b>  <b>Malcolm McRobert, Director Corporate Responsibility and Sustainable Development, Sustainability Insight Limited</b></p> <p style="text-align: center;"><b>Panellists:</b>  <b>Dick Bradford, Principal Designer (Building Services) &amp; Energy Engineer, Property and Procurement, Barnsley MBC</b>  <b>Matt Fulford, Associate – Sustainability, EC Harris LLP</b>  <b>Paul Smith, CEO, Environmental Building Partnership (EBP)</b>  <b>Jim Sneddon, Executive Director of Regeneration, Glasgow Housing Association</b></p>

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<b>11:50-12:20</b>	<p><b>The Consumer Angle</b></p> <ul style="list-style-type: none"> <li>• Reflecting on the cost/benefit ratio</li> <li>• Involving the community consultation in the planning process</li> <li>• Considering space standards</li> <li>• Creating &amp; successfully promoting the concept of life-time homes</li> <li>• Is a clear need for a sustainable agenda?</li> <li>• The need for management &amp; sustainable funding streams to keep affordable housing &amp; communities in a positive state of repair</li> <li>• Green leases for energy-saving buildings attractive to consumers</li> <li>• Green clauses to support the development of more sustainable buildings</li> </ul> <p><b>Gordon Evans, Senior Associate, PCKO Architects Limited</b></p>
<b>12:20-12:30</b>	<b>Delegate Q&amp;A</b>
<b>12:30-13:40</b>	<b>Lunch</b>
<b>13:40-14:10</b>	<p><b>Retro Fitting Second Hand vs Building New</b></p> <ul style="list-style-type: none"> <li>• New legislation and the implications of the carbon reduction commitment</li> <li>• Will commercial buildings have to display energy certificates?</li> <li>• How is the market going to react?</li> <li>• Will the EU introduce more legislation?</li> <li>• Consultation to improve existing buildings in Scotland – easier to consider new build rather than existing properties</li> </ul> <p><b>Peter Langley, Director, Head of Sustainability, DTZ</b></p>
<b>14:10-14:40</b>	<p><b>Case Study: The world’s first Dynamic Breathing Building (DBB) Project: The CALA Hazledean House in Balerno, City of Edinburgh</b></p> <ul style="list-style-type: none"> <li>• Case study of the dynamic breathing building home and the unique system in the house.</li> <li>• Making the connection with sustainability and the energy consumption of the building</li> <li>• Linking sustainability with the right technology to gain maximum benefit: fundamentally changing the ways the buildings are considered, designed, built and used</li> <li>• Putting the focus on demand as opposed to supply</li> </ul> <p><b>Dr Mohammed Imbabi, Senior Lecturer, Mechanics of Materials Research Group, The Aberdeen University</b></p>
<b>14:40-15:10</b>	<p><b>A Mean, Lean and Green Approach to More Efficient Developments</b></p> <ul style="list-style-type: none"> <li>• Low energy building design</li> <li>• Efficient supply of energy</li> <li>• Use of renewable resources</li> </ul> <p><b>Jane Boyle, Sustainability &amp; Alternative Technologies, Buro Happold</b></p>

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<b>15:10-15:20</b>	<b>Delegate Q&amp;A</b>
<b>15:20-15:40</b>	<b>Coffee Break</b>
<b>15:40-16:10</b> <b>CASE STUDY</b>	<p><b>Case Study: Eco-Business Centres - Developing Sustainable Commercial Buildings</b></p> <ul style="list-style-type: none"> <li>• Developing properties that generate good returns for our clients and joint venture partners</li> <li>• An overview of the sustainable Eco business centre built for the City of York, delivered without grants or public capital contributions</li> <li>• Assessing future opportunities: numerous authorities across the UK are interested in possible similar schemes, including Scotland</li> </ul> <p><a href="#">Ian McAndrew, Associate Director, Helmsley Securities Ltd</a></p>
<b>16:10-16:40</b> <b>WORKSHOP</b>	<p><b>Harnessing Sustainability: a Short Guide for the Property Professional</b></p> <p><a href="#">Jerry Helley, Head of Facilities Consultancy, Gleeds Scotland</a></p>
<b>16:40-17:00</b>	<p><b>Closing Keynote: The Renewables Programme and Sustainable Building - But How Are We Actually Going to Do It?</b></p> <ul style="list-style-type: none"> <li>• What are the pitfalls particularly in a falling market when the number of houses that are going to be built over the next four or five years will be at a third of the Government targets?</li> <li>• Should the focus actually be on new housing?</li> <li>• Considering ways of reducing emissions that have a greater impact: putting money into off site renewables or the existing housing stock</li> <li>• Will private house building will ever attract the private/institutional investment required to sustain it over the long term?</li> <li>• Need for a joint thinking with the energy industry</li> <li>• Appealing for a strong leadership from the Government to take action</li> </ul> <p><a href="#">Martin Hensman, Director of Land Solutions UK (former Sustainability and Development Director of Taylor Wimpey, also a member of the Scottish Government's Climate Change Business)</a></p>
<b>17:00-17:10</b>	<b>Chairman's Closing Remarks, Questions and Answers</b>
<b>17:10</b>	<b>End of Conference</b>

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