

Past Sustainable Eastside Seminars

16th June 2004

Construction and Demolition Waste Recycling and Natural Building Technologies

Barry Hunt Birmingham City Council Building Control. Presented the legislative background to construction and demolition waste recycling, demonstrating the strong business case for recycling and reclaiming materials. Covering the problems involved, the progress made and opportunities in Eastside.

Neil May Natural Building Technologies Ltd. NBT is a technical sales and product development business. Neil presented a new generation of ecological materials and systems which NBT aim to bring into the mainstream construction market in the UK with great opportunities for these materials to be produced in Birmingham and the Midlands.

Dr Adrian Murphy Technical Manager National Industries Symbiosis Programme presented The Midlands Environmental Business Club which aims to improve resource efficiencies within the business community, by working in partnership with companies from different business sectors to minimise waste production. There are possibilities for manufacturing waste materials into building products (i.e.: crushed glass in concrete).

23rd June 2004

Opportunities for Renewable Energy Technologies in the Regeneration of Eastside

Steven Dewar Eastside Sustainability Advisor (Built Environment)

Presented the results of renewable energy feasibility studies for Eastside and the opportunities for these in regeneration.

Mark Griffin EAGA Partnership, who are charged with delivering DEFRA's warm front campaign as managing agent, gave a presentation on funding opportunities and applications for renewables.

Deborah Lafferty Renewable Energy Advisor (Hestia) from the Black Country & Central Midlands Renewable Energy Advice Service gave a presentation on local funding opportunities for renewables in housing and businesses.

All the presentations highlighted the great opportunities for using renewable energy in the City's regeneration including Eastside and areas around the City.

1st July 2004

Eastside Biodiversity and Open Spaces Strategy Planning Workshop

Rosemary Coyne Eastside Sustainability Advisor (Open Spaces)

Introduced the opportunities for open spaces and biodiversity in Eastside.

Dr Rossa Donovan Research Fellow, University of Birmingham

Discussed the processes involved in and the results gained from the 2004 Biodiversity Audit of Eastside.

Workshop: Developing a strategy for open spaces and biodiversity in Eastside.
Guests were invited to discuss potential targets and benefits, with recommendations for implementation in Eastside.

10th November 2004

**Planning, Energy, Environmental Protection, Water and Waste
Legislation as Drivers of Sustainable Development**

Martin Eade, Team Leader, Strategic Planning, Birmingham City Council

Overview of the Planning and Compulsory Purchase Act. Covering the process to prepare development plans and key features of the Local Development Framework.

Bill Arnold, Senior Energy Consultant, Birmingham City Council

Discussed the European Energy Directive. Building Regulations with regard to the new Section L, which will be implemented in 2010, and carbon trading.

Colin Morrison, WSP Environmental

Presented the Strategic Environmental Assessment, covering what requires an SEA, how it fits into the planning system, the main stages and the key points of and the environmental report.

Shelly Beckett, Strategy Manager, Regional Strategic Unit, Environment Agency, Midlands Region

Gave a talk on environmental protection legislation covering water and waste. Increased population and climate change will lead to opportunities in the sustainable management of waste.

25th November 2004

Urban Regeneration in Conservation Areas

Steven King, Conservation Officer, Birmingham City Council

Overview of issues in Eastside. Covering the Digbeth Deritend and Bordesley High Street Conservation Area, conservation area character appraisal and management plan and the heritage economic regeneration scheme.

Chris Murray, Director of Learning and Development, CABE

Focussed on areas with low demand housing, how to create successful housing developments, how to reconfigure and remodel those that are failing. Housing provides a huge opportunity to create places of distinction, using heritage as an asset and recognising the value of design.

Nicholas Molyneux, Historic Areas Advisor, English Heritage

Spoke on English Heritage's approach to regeneration in areas of historical interest.

1st December 2004

Funding Opportunities for Sustainable Development

Duncan Bardsley, The Carbon Trust

An overview of services available including design advice, technical assistance, tax breaks, loans and financial support.

Peter French, Financial Management Counsellor, Business Link Birmingham and Solihull, Birmingham Chamber of Commerce and Industry

Presented the funding options available for SMEs in Birmingham and Solihull.

Mark Reed, Project Manager, Eastside, Birmingham City Council

Spoke on a number of funding options available for sustainable development, focussing on European funding.

**1st March 2005
Ground Source Heat**

Deborah Lafferty, Renewable energy Advisor, Central Midlands Renewable Energy Advice Centre (REAS)

Introduced ground source heat pumps, discussed different systems, available funding and the possibilities for their use in Eastside.

Richard Baines, Black Country Housing Group

Gave a presentation on sustainable housing, including the use of ground source heat pumps. Focussing on the Ecopod at Brierly Hill, which showcases environmentally sustainable technologies.

Tony Cooper, President WaterFurnace Global

Chris Davidson, Technical Director, WaterFurnace Europe

Spoke about the different applications of ground source heat pumps. Described different systems, i.e. boiler/cooling tower, vertical loop, pond loop and open loop. They also presented case studies.

**16th March 2005
Sustainable Communities**

Alan Shrimpton, director of Estates, Bournville Village Trust

Presented the redevelopment of Bloomsbury in Nechells and the plans for Lightmoor Urban Village in Telford. The emphasis was on development on a human scale, mixed use development, quality of design and social and economic sustainability.

John Iles, Regeneration Consultant from Anthony Collins Solicitors working for the Witton Lodge Community Association

Liisa Richardson, Neighbourhood Coordinator for the Perry Common Regeneration Partnership.

Michelle Ashmore, Resident Director, Witton Lodge Community Association

Presented the story of Perry Common. Focussing on how the residents led the redevelopment, creating the Witton Lodge Community Association as a sustainable institution to develop Perry Common as a sustainable neighbourhood.

Richard Baines, Black Country Housing Group

Discussed sustainable housing and the need to balance economic, environmental and social impacts. He also presented examples of environmentally sustainable technologies used in housing in the West Midlands.

**30th March 2005
Sustainable Water Supply**

Dexter Hunt School of Engineering, University of Birmingham

Introduced water resources and management in Eastside. Discussed the potential of using rainfall harvesting and greywater recycling. Also the barriers and enablers.

Kerry Thomas, Head of Environmental Team, Technology Innovation Centre

Gave a presentation on the potential for greywater recycling in Eastside, including a case study on Millennium Dome where 55% of the water needed came from a recycled source in 2000.

John Christophers, Associated Architects, RIBA sustainability spokesperson

Presented the redevelopment of the Mailbox including the heat pump system, which uses canal water to cool the building. Including sustainable architecture in relation to the Birmingham Hippodrome, sustainable housing schemes in Worcester and Birmingham and the Royal College of Organists in Eastside.

29th June 2005

Waste Management

Jeremy Shields, Waste Management Birmingham City Council

Gave an overview of the Council's waste management strategy. Included MORI results on services, waste disposal, recycling and the energy from waste plant.

Nick Balmer, Edmund Nuttalls

Presented on potential waste management solutions for Eastside, including challenges for Eastside and the Council's future waste profile. Key recommendations: find a suitable 20-30 acre site next to roads railway or a canal, plan for it first, build a large serviced "ware house" to recycle waste in the first few years, which then changes to handle municipal and commercial waste with associated energy recovery plants linked to district heating systems.

Workshop – Waste Management Strategy for Eastside

The group discussed their aspirations for a waste management strategy for Eastside.

20th July 2005

Combined Heat and Power

Bill Arnold, Senior Energy Consultant, Urban Design, Birmingham City Council

Gave an overview of the advantages of CHP for Birmingham and introduced the CHP scheme for Eastside. The scheme has won £1.3m from the government and aims to improve energy performance and reduce carbon dioxide emissions. The plan is to create an energy scheme which can be used by all new developments coming on stream in Eastside.

Ben Watts, Technical Director, Industrielle de Chauffage Entreprise (UK) Ltd

Sustainability through Community Energy

Presented case studies on Bloomsbury Heat and Power Ltd, Gower Street Heat and Power Ltd and Southampton Geothermal Heating Company. Also explained the technical details of the CHP scheme for Eastside.