



“Action on climate change will create significant business opportunities, as new markets are created in low-carbon energy technologies and other low-carbon goods and services. These markets could grow to be worth hundreds of billions of dollars each year, and employment in these sectors will expand accordingly.”

HM Treasury - Stern Review on the economics of climate change
Final report - Short Executive Summary (Extract)

Registration Form

Keep up to date with developments, visit our website www.climate-change-solutions.co.uk. Register on-line or complete the form and post back with payment. Payment can be made by credit card on-line or via cheque or BACS.

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Delegate fee: £50 + VAT (£58.75)

Price includes: Light refreshments, lunch and full report with all presentations

Registration Information (PLEASE COMPLETE IN FULL USING BLOCK CAPITALS)

Name (Mr/Mrs/Miss/Ms/Dr):

Position:

Company/Organisation:

Address:

Telephone: **Email:**

Workshops (11.30-13.00) Please give first choice second choice

(14.00-15.30) Please give first choice second choice

Method of payment

Payment can be made against our invoice by cheque, BACS or credit card (on-line).

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Achieving the low carbon future

BUSINESS AND PUBLIC SECTOR OPPORTUNITIES



Fri 25th April 2008

Gallery Conference Suite, NEC, Birmingham



Chair. Olwen Dutton, Chief Executive,
Regional Partnerships, West Midlands Regional
Assembly & WMLGA

Keynote speakers

The Right Hon. Phil Woolas MP,
Minister of State, Department for Environment,
Food and Rural Affairs (DEFRA) (tbc)

Prof. David Tidmarsh, Vice Chancellor
Birmingham City University

Peter Jones, Director External Relations,
Biffa UK Group Ltd

Tony Galloni, Marketing Manager,
Sustainable Energy Solutions, E.ON UK

Ronnie Bennett, Managing Director
Campus Veolia Environment

Ralph Hepworth, Business Development
Manager, Environmental Technologies Cluster,
Advantage West Midlands



Middlegrunden Offshore
Windfarm, near Copenhagen
EARTH FROM THE AIR
Yann Arthus-Bertrand



'... I believe we must build our economies on a platform of economic growth, full employment and environmental care. We must make climate stability, energy investment and energy security central to economic policy.'

Rt Hon Gordon Brown MP, Prime Minister



Project Part-Financed
by the European Union
European Regional
Development Fund



Register now, visit: www.climate-change-solutions.co.uk, or t: 024 76236625

Achieving the Low Carbon Future - Business and Public Sector Opportunities

The West Midlands' Regional Economic Strategy has a strategic objective to capitalise on sustainability and low carbon opportunities. The Strategy's Draft Delivery Framework sets out how this can be achieved, through creating effective linkage between low-carbon economic and climate impact opportunities for regional business to realise their wealth-generating potential and manage their risk:

- Helping identify low-carbon economic and climate impact opportunities for regional businesses
- Developing a programme of targeted support for key sectors for growth and diversification into these markets
- Encouraging local markets and local sourcing to minimise carbon footprint
- Helping reduce regional business costs and ensuring security of supply
- Helping businesses improve resource efficiency (energy, transport, waste, & water)

(West Midlands Economic Strategy - Delivery Framework Consultation - Extract)



Programme

08.30 Registration, tea & coffee

09.15 Plenary session

Chair. Olwen Dutton, Chief Executive, Regional Partnerships, West Midlands Regional Assembly & WMLGA

The Right Hon. Phil Woolas MP, Minister of State, Department for Environment, Food and Rural Affairs (DEFRA) (tbc)

Prof. David Tidmarsh, Vice Chancellor Birmingham City University

Peter Jones, Director External Relations, Biffa UK Group Ltd

Tony Galloni, Marketing Manager, Sustainable Energy Solutions, E.ON UK

Ronnie Bennett, Managing Director
Campus Veolia Environment

Ralph Hepworth, Business Development Manager, Environmental Technologies Cluster, Advantage West Midlands

11.00 Tea / Coffee

Networking & Exhibition

11.30 Workshops (Parallel)

13.00 Lunch - Gallery restaurant
Networking & Exhibition

14.00 Workshops (Parallel)

15.30 Break - Tea / Coffee
Networking & Exhibition

17.00 Close

Workshop 1. Innovation

Morning - **Innovations in Environmental Technologies.**

Facilitator: Stuart Webb, Head of Innovation Clusters & ICT Policy, Advantage West Midlands.

Through EnviroINNOVATE and other programmes, universities and business are working in partnership to exploit new markets through the development of innovative products and services.

Ivan Tatt, BG Coordinator, Talbotts Biomass Energy Ltd

Gaynor Orton, Business Development Manager, Sustainable Technologies, Harper Adams

Mark Warmington, Managing Director, Whale Tankers

Dr Lynsey Melville, Senior Technology Transfer Consultant, Birmingham City University

Michael Chesshire, Managing Director, Greenfinch

Professor Mark Ormerod, Keele University

Afternoon - **Innovations in BioEnergy.**

Facilitator: Dr Mike Ahearne, Senior Technology Transfer Consultant, Technology Innovation Centre.

Presenting new technologies and financial mechanisms for the development of a new generation of opportunities in the energy market.

Doug Leaf, Development Manager, Gas Rec

Professor Andreas Hornung, BioEnergy research group (BERG), Aston University

Paul Roach, Sales and Marketing Director, Advanced Plasma Power

Workshop 2. Market Opportunities

Morning - **Advanced techniques and opportunities in recycling.**

Facilitator: Kerry Thomas, Associate Director for Research and Training, Environmental KTN

The demand for a diversion of waste from landfill is opening up a wide range of opportunities for new techniques and processes. The UK must spend £9 billion by 2020 to meet EU targets in this sector.

Wayne Clark, Director, Premier Waste UK Plc

Mark Smith, Managing Director, Next-Tec Ltd

Steve Clarke, Finance Director, Estech

Peter Whitbread, Managing Director, Crystal Clear Window Works UK

Alistair Cormie, Commercial and Operations Director, The Bulmer Foundation

Afternoon - **Delivering the Landfill Directive – Dealing with organic waste.**

Facilitator: Peter Jones, Director, External Relations, BIFFA UK Group Ltd.

The UK must spend £4 billion on new recycling and treatment infrastructure to meet its obligations under the Landfill Directive by 2020.

David Armitage, Head of Environmental Health and General Services, South Staffs County Council

Nick Helme, Managing Director, Biogonix

Mike Crane, Engineering & Technology Director, Enpure

Elizabeth Mullis, Technology Transfer Manager, Environmental KTN, University of Oxford

Workshop 3. Low Carbon Technologies

Morning - **Technologies for Small Scale and Community Renewable Energy Projects.**

Facilitator: Matthew Rhodes, Managing Director, Encraft

Case studies on the application of renewable energy technologies and the role of public and private investment

Martin Allman, Business Development Manager, Solar Microgeneration Ltd

Hilary Branfield, Project Manager, Sustainable Public Buildings, Encraft

Mike Webb, Head of Marketing, Econergy

Afternoon - **Decentralised Energy for the low carbon built environment.**

Facilitator: Dr Brian Waters, Director, Climate Change Solutions Ltd.

Practical experience of the implementation of decentralised energy schemes.

Simon Slater, Head of Sustainable Development, Advantage West Midlands

Mike Smith, Commercial Director, Utilicom

Martin Orrill, Head of Energy technology and Innovation, British Gas, New Energy

Workshop 4. Manufacturing in the Low Carbon Economy

Morning - **Low Carbon Supply chain management.**

Facilitator: Martyn Mangan, Automotive Cluster Manager, Advantage West Midlands

The automotive sector response to new opportunities created by the development of new vehicle technologies.

Robert Evans, Managing Director, CENEX

Chris Bale, Consultant Technologist, Technology Innovation Centre

Dr Hector Sindano, Powertrain Expert, Ricardo Plc

Steve Ratherham, Account Manager, ETAS

Afternoon - **Opportunities for regional manufacturing in energy and environmental technologies.**

Facilitator: Chris Butlin, Specialist Manufacturing Advisor, Manufacturing Advisory Service (MAS)

Business is responding to these challenges. This workshop sets out practical case studies and experiences from the region.

WindSupply, Converteam, Fred Mead, Director

Mark Draper, Managing Director, Ocean Power Technology

Bill Gillespie, Managing Director, Modec

Workshop 5. Resource Efficiency

Morning: - **Carbon Footprinting.**

Facilitator: Tariq al Shemmeri, Reader in Applied Technology, Stafford University

Understanding the economic benefits of reducing your carbon impact - a guide to tools, techniques and solutions.

Nigel Carter, 'Chair, BSI SES1/7, Greenhouse Gas and related matters' committee, BSI

Simon Helmer, Key Account Manager, Carbon Trust

Richard Whitaker, Senior Project Manager, ProEnviro

Mark Shayler, Director, Eco3

Afternoon - **Implementing resource efficiency.**

Facilitator: Lis Broome, Environmental technologies cluster co-ordinator, Advantage West Midlands.

Experiences, case studies and support packages to achieve greater efficiency, cost savings and strengthening of your business competitiveness.

John Barraclough, Regional Manager for the West Midlands, Envirowise

Barney Williams, Technical Director, John Pointon and Sons Ltd

Susan Love, Business Link West Midlands

Paul Green, Director, Recycled UK Ltd

Tony Steinert, Senior R&D Associate, Wolverhampton University