

Corporate Climate Response™

Including: **Countdown to the Carbon Reduction Commitment (CRC)**
& **Climate Change and the Food Industry**

19 - 21 May 2008, CBI Conference Centre, London



Keynote Address from
Phil Woolas, MP, Minister for the Environment

Learn from Leading Climate Change Strategy Experts, Including:



Philip Douglas,
Head of Branch, Carbon
Reduction Commitment,
Defra



Dave Farebrother,
Environmental Director,
Land Securities



David North,
Government Affairs and
Corporate Responsibility
Director, **Tesco**



Jessica Samson,
Head of Sustainability,
Innocent Drinks



Mark Rhodes,
Sustainability Director,
**GlaxoSmithKline
Nutritional Healthcare**



Paul Monaghan,
Head of Ethics and
Sustainability,
The Co-operative Group



Gill Hall,
Director, **IBM Carbon
Centre of Excellence**



Bill Bartlett,
Corporate Affairs Director,
McCain Foods



Jack Cunningham,
Group Environmental
Manager, **ITV**

Hear how these companies are preparing for the UK's new mandatory carbon trading scheme:



Hear how these companies are tackling climate change across the food supply chain:



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Corporate Climate Response is the forum for businesses looking to address the risks and opportunities presented by global warming.

Over **800 sustainability professionals** have already participated in Corporate Climate Response events. This is where the world's best-known companies come to share ideas and strategies on succeeding in an increasingly carbon-constrained world. [Past attendees include](#) BT, Asda, Boots, E.on, Tesco, Unilever, Philips, Lastminute.com, HSBC, Alcan, Waitrose, National Grid, Wal-mart, GE, Ford, Time, GM, IBM, Intel, BT, Caterpillar, BSKyB, Dow, Anheuser-Busch, BP, M&S, Motorola and many more.

Our fourth annual **Corporate Climate Response - London** event takes an in-depth, detailed look at two of the most pressing topics in climate response: the UK's new mandatory carbon trading system and climate change's impact on the food sector.

1) Measuring your Carbon Footprint, 19 May 2008

Calculating emissions from business operations, products and services can be a difficult task. This interactive workshop led by 3C Consulting will provide guidance for those who are facing this challenge.

2) Countdown to the Carbon Reduction Commitment

Preparing corporates for the UK's New Mandatory Carbon Trading Scheme

20th May 2008

The **Carbon Reduction Commitment (CRC)** is the UK's new mandatory carbon trading scheme targeting emissions from around 5,000 large business and public sector organisations. The scheme covers organisations that have mandatory half-hourly metered electricity consumption greater than 6,000 MWh per year.

2008 is the qualifying year for CRC participants with electricity consumption through mandatory meters determining participation.

This event provides the very latest update on how the final trading scheme will operate and offers practical advice on how to comply efficiently and cost-effectively.

"Market mechanisms such as the CRC will help organisations identify the marginal cost of carbon abatement and thus make the most efficient reductions. The earlier you build the business case for action the less you will feel the pain of a carbon-constrained world."
Jack Cunningham, Group Environment Manger, ITV

▶ Are you covered and how?

The final coverage criteria for CRC companies

▶ Where will you fit in the league table?

Estimating your position in the league table that will compare participants' carbon performance

▶ What are energy suppliers doing?

Will they provide more accurate and timely billing information?

▶ How will CRC operate?

Worked examples of the introductory phase including the allowance bidding process and revenue recycling

▶ Who pays the bill?

Who is responsible for CRC participation - landlord or tenant?

▶ What do you need to do today?

Hear how your peers are preparing for the CRC during this qualifying year

3) Climate Change and the Food Industry

Reducing Climate Impact across the Food Supply Chain

21 May 2008

The food supply chain is one of the most complex and largest industry sectors in the world. As such, the food industry is highly susceptible to the impacts of climate change and responding to its risks is now part of the mission of most food companies.

This day will examine the top climate change issues affecting food retailers, processors, and manufacturers. Corporate and industry experts will examine carbon reduction and climate impact at every stage of the food supply chain from agriculture through to waste.

▶ Is business moving beyond 'food miles' to look at the entire supply chain?

▶ How is **Tesco's** carbon labelling of food products progressing?

▶ How is **Marks and Spencer** going to achieve its zero-waste target?

▶ How will **Cadbury's** cut its carbon footprint in half by 2020?

▶ How will **McCain's** make chips from 70% renewable energy sources?

▶ How is the **Co-operative Group** taking climate action to the next level?

Supporting Organisations



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Countdown to the Carbon Reduction Commitment, 20th May 2008

08.30 Registration & Coffee

09.00 **Opening Keynote:**
The Impact of the CRC on UK Businesses
Phil Woolas MP, Minister for the Environment

09.15 **An overview of the CRC**
Defra will provide an update on the CRC following its latest consultation
Philip Douglas, Head of Branch, Carbon Reduction Commitment,
Defra

Are you covered and how?

This opening session looks at what defines a CRC organisation.

- ▶ How will CRC account for various legal and organisational structures?
- ▶ Can one site qualify an entire organisation?
- ▶ Is it possible for one site to trade off another?
- ▶ How will emissions outside of electricity be measured, i.e. transport?
- ▶ How will this data be captured?
- ▶ Is there a risk of double counting for electricity already covered by EU ETS or CCAs?

09.30 **What is a "CRC organization"?**
Defra will share conclusions on the coverage criteria for CRC organisations
Sally Comber, Senior Policy Advisor, **Defra**

09.45 Case Study: **Which of my sites are included?**
Enviros will present a worked example demonstrating how you can determine which sites and emissions will be included under the CRC.
Ray Gluckman, Consulting Group Director, **Enviros**

Update from Energy Suppliers

Energy providers will help notify companies and public sector organisations that they fall under this new carbon trading scheme. Here major energy suppliers will discuss how they're preparing to liaise with organisations and the government to comply with the CRC.

- ▶ What exactly are the responsibilities of suppliers under the CRC?
- ▶ How will energy suppliers assist organisations with compliance?
- ▶ Will organisations receive more accurate & timely billing information?
- ▶ What happens if an organisation has more than one energy supplier?
- ▶ How will investment in renewables fit in with CRC?

10.00 Chair: **Geoff Huckerby**, Chairman, **Association of Meter Operators**
Additional names to be confirmed

11.00 Networking Break

Designing a New Carbon Trading System

The CRC is an auction-based cap and trade scheme in which participants are required to purchase and surrender allowances corresponding with their annual CO2 emissions. The CRC will include a three-year introductory phase where the Government will sell an unlimited number of allowances at a fixed price.

11.30 **The CRC market mechanism**
2008 is the qualifying year for CRC organisations with electricity consumption through mandatory meters for this year determining participation. Defra will provide an update on the introductory phase of the CRC, the design of the league table, the revenue recycling mechanism and how participants can obtain their allowances.
Ian Trim, Senior Policy Advisor, **Defra**

12.00 **Assessing Carbon Emissions**
The first step in preparing for the new CRC system is measuring your organisation's emissions. This session will look at carbon measurement and carbon intelligence.
Jon Bentley, Partner, Innovation and Carbon Management, **IBM Global Business Services**

12.30 Case Study: **Publishing your Carbon Scorecard**
At the end of each trading year, the Government will publish a performance league table that ranks participants based on their performance within the scheme. Enviro will provide a worked example of how an organisation will fit into the league table.
Ray Gluckman, Consulting Group Director, **Enviros**

12.50 Discussion with expert panel
▶ What is the easiest and most accurate way to capture emissions data?
▶ How will your position in the league table affect your reputation?
▶ Will organisations get credit for early action?
▶ How will the league table take business growth into account?
▶ What will the price be for allowances in the introductory phase?
Chair: **Amy Foxe**, Head of Environment, **BSkyB**

Ian Trim, Senior Policy Advisor, **Defra**
Bill Edrich, Energy and Water Conservation Co-ordinator,
Kirklees Metropolitan Council
Andy Francis, Energy Manager, **B&Q**
Gill Hall, Director, **IBM Carbon Centre of Excellence**

13.10 Networking Lunch

The Carbon Reduction Commitment in Action

This session will provide an update the practicalities of the CRC for participants and look at lessons learned from existing carbon trading systems.

14.00 **Practicalities for CRC organisations**
Defra will provide an update on how CRC participants will report on and be responsible for carbon emissions under the new scheme.
Senior Policy Advisor, **Defra**

14.20 **Lessons learned from Existing Carbon Markets**
▶ How will CRC fit in with existing carbon markets?
▶ What can we learn from the EU ETS and UK ETS?
▶ What price should the Government set for carbon allowances?
▶ Will the CRC provide enough of a financial incentive to cut carbon?
▶ Should revenue from the scheme be reinvested in energy efficiency programs?

Chair: **Mark Kenber**, Policy Director, **The Climate Group**
Jochen Gassner, Director Climate Neutral, **3C Consulting**
Ray Wilson, Risk and Governance Director, **Barclays Facilities Management**
Dr Anne-Marie Warris, Technical Director: Climate Change, **LRQA**

Who pays the bill?

Because participation in the CRC is based on electricity consumption, organisations will have to work closely with landlords to ensure compliance. Difficulties may arise from arrangements where landlords are paying the bills. This session will closely examine the complexities of landlord-tenant relationships under the CRC.

15.00 Case Study: **Landlord-Tenant Relationships**
Enviros will present a worked example of how an organisation with many sites can determine who is responsible for CRC participation - landlord or tenant.
Ray Gluckman, Consulting Group Director, **Enviros**

15.20 Discussion with Expert Panel
▶ How can you coordinate compliance when you have many sites?
▶ How will energy bills be divided in common spaces?
▶ How will landlords pass on costs and benefits?
▶ Will there be a move to sub-metering?
▶ What do organisations need from landlords?
Dave Farebrother, Environmental Director, **Land Securities**
Jack Cunningham, Group Environment Manager, **ITV**
David Salusbury, Chairman, **National Landlords Association**
Stephen Allen, Head of Facilities, **Punch Taverns**

16.00 Networking Break

The Next Steps: Preparing for CRC

This year, CRC organisations should begin assessing and monitoring their emissions and focusing on energy efficiency strategies. Participants will be officially identified in early 2009 with trading commencing in January 2010. This session focuses on what organisations should do now to prepare for the CRC as well as what to expect from the final regulations.

16.30 **Implementing the CRC**
Defra will provide an update on the timing and implementation of the CRC, addressing the key concerns organisations have identified through the consultation process.
Marie Pender, Head of CCAs and CRC, **Defra**

16.50 Discussion with Expert Panel
▶ What are the lingering questions and concerns about the CRC?
▶ What should organisations be doing now to prepare for the CRC?
▶ How can you estimate the cost of participation?
▶ Will companies recoup this cost through energy savings?
▶ Is financing available for CRC participants?
▶ What is the best way to measure CO2 emissions?
Chair: **Maggie Kemp**, Environment Manager, **Cable & Wireless**
James Conlin, Performance Manager, **BAA Plc**
Phil Dean, Sustainable IT Architectures Manager, **Cisco Systems**
Tom Schalenbourg, Advisor, **Imperial Tobacco Group Plc**

17.30 Close of Day One

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Climate Change and the Food Industry, 21st May 2008

08.30 Registration & coffee

08.50 Welcome
Chair: **Tara Garnett**, Director, **Food Climate Research Network**

Sustainable Food Supply Chains

This first session examines carbon reduction and water conservation in food and agricultural production.

09.00 Building a Dairy Roadmap

With dairy being one of the most greenhouse gas intensive foods, Defra is working with the industry to create a "cradle to grave" picture of the environmental impacts of milk.

Pauline Crellin, Milk Branch Livestock Products Division, **Defra**

09.20 Case Study: Carbon Neutral Potatoes

Bidwells has studied the sustainability of one of ASDA's potato supply chains. It calculates that this supply chain, which delivers over 100,000 tonnes of potatoes, is responsible for 21,575 tonnes of CO₂ - over 60% of which occur at the farming stage.

Greg Hilton, Head of Renewable Energy, **Bidwells**

09.40 Case Study: Conserving Water in Food Production

Nestlé recognizes that serious efforts need to be made to drive water conservation and avoid serious effects from over-use in agriculture, industry and energy production.

Claus Conzelmann, Vice President of Environment, Health and Safety, **Nestlé**

10.00 Discussion with expert panel

- ▶ What part of the agricultural life cycle creates the most emissions?
- ▶ How can food and drink manufacturers cut water usage?
- ▶ Is it possible to increase food production while conserving water?

Andrew Jackson, Sustainable Supply Chain leader, **IBM Global Business Services**

Frances Way, Account Manager, Supply Chain, **Carbon Disclosure Project**

Additional names to be confirmed

10.30 Networking Break

Carbon Labelling Food Products

The Carbon Trust's experiment with carbon labels could transform the behaviour of UK companies and consumers. Tesco is working with the Carbon Trust to work out the embodied emissions of 30 of its products including tomatoes, potatoes and orange juice.

11.00 Case Study: Measuring the Carbon Intensity of Food

David North, Government Affairs and Corporate Responsibility Director, **Tesco**

11.20 Discussion with expert panel

- ▶ How have consumers responded to carbon labelling so far?
- ▶ Do shoppers understand embedded emissions?
- ▶ Will labels help producers and retailers reduce their product impact?
- ▶ How can consumers compare the carbon intensity of different brands?
- ▶ Is labelling distracting the industry from other climate change issues?

Dr Steve John, Corporate Affairs Director, UK and Ireland, **PepsiCo**
Dr Brenda Boardman, Senior Research Fellow, **Oxford's**

Environmental Change Institute

Richard Naylor, UK Environment Manager, **Scottish & Newcastle**

Simon Glynn, Senior Partner, **Lippincott**

David North, Government Affairs and Corporate Responsibility Director, **Tesco**

Philip Cullum, Acting Chief Executive, **National Consumer Council**

Cutting Emissions from Packaging & Waste

12.00 Case Study: Carbon Footprinting for a Complex Food Supply Chain

Carmel McQuaid, Climate Changer Manager, **Marks & Spencer**

12.20 Discussion with expert panel

- ▶ How can retailers and manufacturers work together on packaging and waste?
- ▶ What are the latest innovations in low-carbon packaging?
- ▶ How can retailers work to reduce waste throughout their operations?
- ▶ What regulations would help the industry make further CO₂ cuts?
- ▶ How can manufacturers and retailers help householders cut food waste?

Chair: **Erika Mink**, Environment Director Europe, **Tetra Pak**
Mark Rhodes, Sustainability Director, **GlaxoSmithKline Nutritional Healthcare**

Jessica Samson, Head of Sustainability, **Innocent Drinks**

Andrew Parry, Project Manager, **Waste Resources Action Programme (WRAP)**

13.00 Networking Lunch

Low Carbon Food Production

Food manufacturers and processors are under increasing pressure to come up with ambitious targets for CO₂ reduction throughout their operations. In this session, we will hear two case studies from companies that are trying to meet these targets through a combination of energy efficiency and switching to renewable energy sources.

- ▶ How do manufacturers and processors set carbon reduction targets?
- ▶ Are retailers demanding a certain level of carbon reduction?
- ▶ What are the best renewable energy options?
- ▶ Is it necessary to go "carbon neutral" or simply reduce emissions?
- ▶ How should manufacturers market these efforts to customers?

14.20 Case Study: Sustainable Manufacturing: Purple Goes Green

Cadbury Schweppes has committed to cut its carbon footprint by 50% by 2020 by saving energy and switching to more efficient and renewable energy supplies.

Ian Walsh, Environment Manager, **Cadbury Schweppes**

14.40 Case Study: Wind-blown Spuds

Up to 70% of potato processing company McCain Foods' annual electricity needs will soon be met from renewable energy sources, reducing its CO₂ emissions by 20,000 tonnes a year.

Bill Bartlett, Corporate Affairs Director, **McCain Foods**

15.10 Case Study: The Impact of Climate Change on Food Supply

Changes in rainfall patterns, temperatures and an increase in extreme weather events are affecting the food we grow. Here we will hear about the impacts of climate change on global food supplies.

- ▶ What will climate change mean for food production in the UK?
- ▶ What will be the impacts on global food production and commodity crops?
- ▶ How will weather changes affect the continuity and consistency of supply?
- ▶ What more can producers and retailers do to respond to these changes?

Tim Wheeler, Reader in Crop Science, **University of Reading**

14.50 Networking Break

Thinking Outside the Can: The Future of Food Sustainability

16.00 Case Study: The Next Step in Retailer Response

The Co-operative Group has been called the most climate-friendly chain on the high street by an independent study. Here we will hear how it's taking climate action to the next level.

Paul Monaghan, Head of Ethics and Sustainability, **The Co-operative Group**

16.20 Green, Healthy and Fair: What supermarkets need to do on climate change

Sue Dibb, Team Leader Sustainable Consumption and Business, **Sustainable Development Commission (SDC)**

16.40 Discussion with expert panel

- ▶ What policies would help drive a lower GHG food future?
- ▶ What are the clashes with other sustainability objectives?
- ▶ What are the market / technological innovations with scope for reducing emissions?
- ▶ How can retailers and producers better educate consumers on climate issues?
- ▶ Which are the consumer trends we should and shouldn't nurture?

Chair: **Phil Downing**, Head of Environmental Research, **IPSOS Mori**

Tom Berry, Principal Sustainability Advisor, **Forum for the Future**

Paul Monaghan, Head of Ethics and Sustainability, **The Co-operative Group**

Carmel McQuaid, Climate Changer Manager, **Marks & Spencer**

17.00 Close of conference

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This interactive workshop will provide a practical guide for companies looking to calculate emissions from business operations, products and services, with in depth analysis of:

- ▶ Carbon Footprinting in the Context of Strategic Carbon Management
- ▶ Status of the Standardisation Debate
- ▶ Technical Aspects of Carbon Footprinting
- ▶ Tools to Support Carbon Footprinting
- ▶ Best Practice Examples

3C is one of the leading Carbon Asset Management firms in Europe employing 45 specialists with extensive experience in project development, risk management, trading strategies and financial consulting. 3C Markets AG provides consulting services regarding emission trading and hedging strategies, especially within the EU ETS. The Carbon Investment Advisory bridges the gap between the carbon and the financial market to offer comprehensive expertise and risk management strategies to carbon fund managers. The Climate Neutral Division is among the world's leaders for carbon offset services and has numerous clients in the financial and service industry.

Workshop Timetable: 09.00 Registration & Introduction 9.30 Start of Workshop 12.45 Lunch 16.15 Close of Workshop



Sponsorship & Exhibition Opportunities

Now in its 4th year, Corporate Climate Response offers an integrated solution of brand positioning, business development and face-to-face networking opportunities with senior decision makers.

Connecting you with the right people

With a proven track record of delivering high calibre corporate professionals, Corporate Climate Response provides the perfect environment for you to do business with top companies under one roof.

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Our sponsorship and exhibition packages are designed to help you meet your business objectives. If you are looking to win prospective clients, strengthen existing relationships or enhance your company profile, we will help you do so in a cost effective manner.

Contact **Yahya Al Barishi** for further details

Tel: 009714 214 9602 or 0044 207 801 6333 Email: yahya.b@greenpowerconferences.com



IBM has always been an innovative company focused on creating new technology and business capabilities that tackle important problems. There are few, if any, areas where the key IBM value, "Innovation that matters - for our company and for the world," is more relevant or timely than it is with the environment. IBM recognizes that solutions to climate change represent both an opportunity for innovation and an imperative for corporate action. IBM has defined a comprehensive approach to helping our clients respond to climate change - to improve their energy efficiency and manage their carbon impact. From core competencies such as consolidation and virtualization to make data centres greener, through to services such as strategic diagnostic assessments and carbon footprinting, IBM offers an holistic approach to our clients that allows them to look at their entire organisation and identify the actions that will optimise both their emissions and their bottom line. IBM is committed to environmental leadership in all of its business activities and has had a corporate policy in place on the environment since 1971.

Who you will meet?

- ▶ Sustainability Directors
- ▶ Corporate Social Responsibility Directors
- ▶ Environmental Managers
- ▶ Environment Health & Safety Managers
- ▶ Supply Chain Professionals
- ▶ Climate Change Directors
- ▶ Energy Managers
- ▶ Facility Managers
- ▶ Public Affairs Coordinators
- ▶ Risk Management Professionals

Here is just some of the excellent feedback from past clients

"The panel discussions were extremely engaging" - John Viera, Director of Sustainable Business Strategies, Ford Motor Company

"This gathering of some of the largest companies in the world is definitely a step in the right direction." - Mayor Richard M. Daley, Mayor of Chicago

"Outstanding presentations" - Dan Pettit, Kraft

"The conference was excellent and stimulated many ideas which we can consider to improve our programs. We look forward to your future events" Advanced Micro Devices, Inc,

"I came away with concrete steps and concepts with regard to climate communications" Fleischman Hillard

"The event was a valuable contribution to the debate concerning corporate activity and climate change" CO3

"It was especially interesting to hear some of the world's largest companies suggest that the time to act is now, for both moral and brand risk reasons, and that there's profit to be made as well" CapitalBridge

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The Green500 aims to help the capital's highest profile organizations reduce London's tangible CO2 emissions. Organizations that sign up to the scheme will benefit from a full audit of their current carbon usage, mentoring and advice on how to reduce their emissions, exclusive access to an accredited suppliers list and will be publicly recognized for their efforts through an annual certification awarded by the Mayor of London. The scheme aims to set a global standard of environmental excellence - with support from the Mayor of London, Green500 will be promoted as best practice for other cities in Europe and across the world.



Green Power Conferences was established in 2003 by a team of professional, environmentally aware event experts. We have since welcomed over 4000 delegates from 76 countries, built a global database of 110,000+ contacts and gained an unparalleled reputation in the industry. Our events provide high quality information, interactivity and networking to accelerate the uptake of sustainable energy and climate friendly technologies. Green Power Conferences offsets the impact of its commercial activities towards renewable energy projects.

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