

# BIS

Department for Business  
Innovation & Skills

## Manufacturing and Materials Hot Issues August 2009



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# Investing in our future

## Our mission

Building a dynamic and competitive UK economy by:

- Creating the conditions for business success
- Promoting innovation, enterprise and science
- Giving everyone the skills and opportunities to succeed

To achieve this we will foster world-class universities  
and promote an open global economy.

## Marie–Anne Mackenzie Head of MM

**Welcome to the new Hot Issues – a bi-monthly newsletter setting out what is happening to create the conditions for manufacturing success. It has been an exciting and interesting six months since I took over as Head of Manufacturing at the Department for Business. And that is reflected in the coverage of this edition.**

I hope that, like me, you are excited about the recent announcements on advanced manufacturing. National headlines called this 'Building Britain's industrial base' and 'backing British ingenuity to engineer a new industrial age'. If the article in today's Hot Issues whets your interest, the website says lots more about what we are doing.

But this is only one strand of the wider support for manufacturing set out last September. There is more on that in this issue, including progress on getting young people to make a career in manufacturing.

I hope you enjoy the new look newsletter. Feedback on what you liked and what should be covered in the next edition is welcome.

## Hot Topics

### **ADVANCED MANUFACTURING PACKAGE LAUNCHED – 28<sup>TH</sup> JULY – Stuart Barthropp**



**On 28<sup>th</sup> July 2009 Lord Mandelson launched a £150m package of Advanced Manufacturing measures to help UK manufacturers seize the opportunities provided by emerging technologies.**

Advanced Manufacturing describes businesses which use a high level of design or scientific skills to produce technologically complex products and processes. Because of the specialised requirements involved, these are usually goods and associated services of high value. Advanced Manufacturing is possible across the huge range of activities that encompasses manufacturing, from large companies through to newly formed SMEs.

This package builds on the 2008 Manufacturing Strategy and is an important step in fulfilling the commitment in **New Industry, New Jobs** published in April that we will focus on specific opportunities to unlock competitive potential in Advanced Manufacturing. The package will expand access to information and support, encourage take up of new technologies and address specific challenges faced by the aerospace sector.

Key new measures include:

- £45m funding to Rolls-Royce for four new facilities to be built in the UK – three aerospace, one civil nuclear – creating and sustaining 800 jobs.
- £45m to support Rolls-Royce-led research and technology critical to the development of low-carbon aircraft engines.
- At least £40m investment in SAMULET, a collaborative aerospace product focusing on productivity and environmental improvements.
- A £12m expansion of a display technology facility, the Printable Electronics Centre in Sedgefield, creating up to 1,500 jobs by 2014.
- A further £5m investment from the Technology Strategy Board in collaborative R&D projects as part of its High Value Manufacturing competition.
- A £4m expansion of the highly successful Manufacturing Advisory Service to help a wider range of businesses improve efficiency and increase orders.
- A £500,000 investment to support the development of a Centre of Excellence for Silicon Design in the south west.

You can find further information on these measures and other government action on advanced manufacturing on the BIS Advanced Manufacturing website, <http://interactive.bis.gov.uk/advancedmanufacturing/> which includes an online booklet, related press releases, and video coverage of the launch speech and reactions from stakeholders. In addition, the website enables registered visitors to leave comments on the package and to receive notification of updates.

Our focus on Advanced Manufacturing is a continuing process. Further work will follow in coming months, including strategies for composite materials and plastic electronics in the autumn. Please let us know your thoughts on this package and help us to develop our future work on Advanced Manufacturing.

If you would like further information please e-mail Stuart Barthropp at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) OR Telephone: 020 7215 6517

## UK Composite Strategy – Sandy Grom



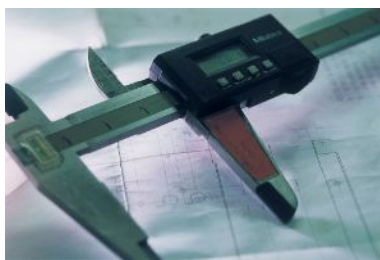
**The Manufacturing and Materials Unit is currently working on the development of a UK composite strategy to be published in the Autumn 2009. The strategy will help provide a structure for supporting industry to grasp the commercial opportunities the shift from metal to composite materials provides. The composite strategy will encourage knowledge transfer from sectors that have built expertise in composite technology (aerospace, fast car and boat sectors) to other sectors where new opportunities lie.**

Composite materials, in particular carbon fibre based, are widely accepted as a strategic material required in the new generation of aircraft, high performance boats, cars and larger wind turbine blades. They are also increasing used in the construction, oil and gas, sporting goods and medical sectors. Composite materials have excellent strength to weight properties that enable lightweight, durable, low maintenance, strong structures. These qualities drive performance and also reduce fuel requirements when used in transport vehicles, ultimately delivering significant reductions in CO2 emissions.

The ability of the UK to excel in composites and move from metal to composite material will have a significant bearing on the future viability of not just UK aerospace but a wide range of other industries. Germany, France and Spain are amongst the European countries in the race to unlock the competitive potential of composites. The UK has the potential to be a world leader in the development of composites but faces the same problems as other countries in achieving rapid production techniques.

If you would like further information on the issues raised in this article or would like to contribute towards the development of the Composite Strategy please e-mail Sandy Grom at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517.

## Nanotechnology Strategy – Kenton Thompson and Ivan Youd



Part of the Government's ongoing aim is to see the increase in utilisation, application and exploitation of Nanotechnology and to achieve this we are developing a single UK strategy for nanotechnologies. To help with the development of this

Nanotechnology Strategy we are aiming to seek the participation and responses from all stakeholders i.e. across Whitehall, industry, academics and non-governmental organisations as well as consumer groups and individuals. The aim is to complete the development of the strategy before the end of February 2010. For further information on this please [contact us](#).

On 16<sup>th</sup> July 2009 Lord Drayson launched a public engagement process via a website called "[Influence and inform the UK Strategy for Nanotechnologies](#)". To help with the process a number of nanotechnology profiles were developed and it is hoped that the evidence gathering exercise will ascertain the validity of the sector profiles. We are also looking for the process to provide us with a focus and to add value to our work by identifying where we can increase our influence with stakeholder both public and private sector as well as plan for the safe and responsible development/exploitation of nanotechnologies.

The sectors that have been profiled are as follows:

- **Agriculture**
- **Chemicals/Formulated Products**
- **Cosmetics**
- **Energy**
- **Environmental Remediation**
- **Food**
- **Printing and Packaging**
- **Sensing and Instrumentation**
- **Aerospace and Defence**
- **Automotive**
- **Construction**
- **Electronic**
- **Healthcare**
- **Materials**
- **Textiles**

We have also produced a set of papers which address a number of cross-cutting themes

- **Anticipating Opportunities and Concerns**
- **Managing Risks and Uncertainties**
- **Innovation and Business Climate**
- **Measurement and Standards**
- **Public and Stakeholder Dialogue**

We have engaged the Knowledge Transfer Network and have a core group of four KTNs that will work together as a mini-Innovation and Growth Team to contribute to the strategy and develop a UK Roadmap for the development and exploitation of this technology.

We are also active in the OECD working parties on all the related issues surrounding nanotechnology such as public engagement, standards, materials characterisation, environmental, health and safety and the business environment.

If you would like further information please e-mail **Kenton Thompson** at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) OR Telephone: 020 7215 6517

## Manufacturing Insight - Inspiring the Future - Karen Willcocks

**It is essential that we have a framework of support in place that helps UK manufacturers compete in the global market place and this is what the Government's **Manufacturing Strategy**, launched last September, does. It set out a powerful new vision for how UK manufacturing can be ready to take advantage of global trends and seize new opportunities importantly the strategy also recognised the need to look to the future. Whilst it is critical we address our future skills needs; ensuring the right people, get the right skills, in the right places, at the right time; it is also critical to attract new talent and enthusiasm to our industry. If we are going to attract people into the manufacturing industry, we must start with those at school, enthusing young people so that they seriously consider the breadth of careers on offer.**

Manufacturing insight is an independent organisation being set up by Industry and representative bodies in partnership with Government. As a company limited by guarantee, it will be independent from any single

organisation. Manufacturing Insight will play a key part in helping to challenge and change public perceptions of the sector, including campaigns in schools to build enthusiasm for careers in manufacturing. Recruitment of a Director to lead Manufacturing Insight is well underway and we hope to formally launch the organisation in autumn.

There are already many business - education partnerships and initiatives available to promote science, technology and engineering, in addition to manufacturing. We see Manufacturing Insight working alongside these organisations to dovetail with their agendas and add value through a coordinated national leadership; ensuring support is as effective and efficient as can be for businesses and educators across the UK.

**What about you?** Well it's not too late to be involved please e-mail Karen Willcocks at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517.

## MANUFACTURING STRATEGY – Martin Gilligan



**The Manufacturing Strategy - Manufacturing: New Challenges, New Opportunities - was launched by the Prime Minister and Cabinet colleagues on 8 September 2008. Developed by the former BERR and DIUS, with the support of industry, including the Ministerial Advisory Group on Manufacturing, the Strategy reaffirmed the Government's commitment to the sector as a key part of a mixed and balanced economy, and set out a more active role for Government in the sector.**

Government recognises that these are very tough times for manufacturers, hard hit by the downturn in global economic activity, and is doing all it can to help.

Bringing together £150m of support for the medium term, the Manufacturing Strategy is helping business to seize the opportunities of the low carbon economy; access increased skills and technology support, identify new opportunities in overseas markets, and to use design and intellectual property to compete strongly in global markets.

The Strategy includes a range of policy measures and good progress is being made with implementation. Of 22 policy proposals being taken forward, 13 have been delivered (work continues under some

of these work streams), 6 more will be delivered this year and 3 after this year.

Manufacturers now are benefiting from increased support including:

- Increased support for apprenticeships, with a further £140m announced in January to create a further 35,000 apprenticeships in 2009/10
- Strengthening of the Designing Demand programme with the RDAs and Design Council to help more SMEs take advantage of design
- Extra UKTI support to help up to 600 firms identify supply chain opportunities in China and India and to promote UK manufacturing excellence abroad

Measures delivered recently include the launch of the **Low Carbon Industrial Strategy** establishment of the Office for Renewable Energy Deployment and the launch of a National Cluster Mark Award. Shortly there will be programmes such as Manufacturing Insight, being established with industry to improve the public perception of manufacturing and ensure that young people are aware of the career opportunities it offers. (**See article on page 8 for more detail.**) And further support will include establishment of a new purpose-built Manufacturing Technology Centre at Ansty, near Coventry, providing industrial scale demonstration facilities

And in July, a range of measures to help UK manufacturers seize the opportunities provided by emerging technologies was launched. This Advanced Manufacturing package (**see article on page 4 for more detail**) aims to expand access to information and encourage take up of new technologies, and is part of Government's targeted support for key sectors and markets.

If you would like further information on any of the issues raised in this article please e-mail Martin Gilligan at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517

## Promoting the UK's Advanced Engineering capabilities around the world



The UK Trade & Investment (UKTI), in consultation with UK businesses, stakeholders and Government, has launched an **International Marketing Strategy for UK Advanced Engineering**. The launch was by Trade and Investment Minister Lord Davies of Abersoch in March 2009. The main aim of the strategy is to get all of the key stakeholders in

UK Advanced Engineering to speak with a single compelling voice across the world promoting UK excellence in a coherent and co-ordinated way in such areas as advanced materials, advanced manufacturing and design engineering, the UK has a wealth of knowledge and expertise across these sectors.

The new marketing strategy sets out a clear direction and plan of action that will help focus collective efforts and achieve shared goals. Government and business will work in partnership utilising a more joined up approach that will be adopted to align marketing efforts to ensure the best possible outcome for the UK.

A key feature of this strategy is the development of a marketing toolkit that will be a one-stop shop for UK Advanced Engineering marketing materials. As the strategy is implemented toolkit workgroups will be created to develop and refine the messages and materials to promote the sector that will include a template from which a bespoke marketing plan can be devised.

The **Advanced Engineering website** ([www.ukadvancedengineering.com](http://www.ukadvancedengineering.com)) is available to provide an array of knowledge and information. To gain access to all of this material please register on the site. Any specific questions should be emailed to [advancedengineering@ukti.gsi.gov.uk](mailto:advancedengineering@ukti.gsi.gov.uk)

If you would like further information please e-mail Ben Taylor (UKTI MG), at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517

## EU Emissions Trading Scheme – Simon Clode



The European Commission has continued to press on with the Carbon Leakage\* analysis and Benchmarking work as part of the ongoing Comitology work. The second set of Carbon Leakage results were released on July 1st

and detailed that a total of 146 sectors are at risk of Carbon Leakage, with a further seven sectors deemed as borderline cases currently under-going a qualitative assessment. The final list of sectors at risk will be produced in December of this year. The latest results can be found on the EU website here -

[http://ec.europa.eu/environment/climat/emission/pdf/20090701\\_list\\_sectors.pdf](http://ec.europa.eu/environment/climat/emission/pdf/20090701_list_sectors.pdf)

Closely related to the work on Carbon Leakage is the work on Benchmarking. The European Commission has hired consultants - Ecofys to work on the Benchmarks for products covered by the EU Emissions Trading Scheme. Ecofys has written directly to European Sector organisations with draft benchmarks for the products in their sectors and a second draft report will be presented to the Commission in September and will be followed by further consultations before the final draft benchmarks are published in spring 2010.

More details on the EU Emissions Trading Scheme may be found on the EU website here -

<http://ec.europa.eu/environment/climat/emission/>

Carbon Leakage is the transfer of emissions from installations emitting Greenhouse Gases within an economic area with a carbon cap to installations operating in an economic area without a cap on carbon emissions, meaning that the carbon cap leads to no overall benefit as the number of emissions stays constant or even rises.

If you would like to contact us please e-mail Simon Clode at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517

## The UK Low Carbon Transition Plan – Nick Skates



**On 15 July the UK Government published The UK Low Carbon Transition Plan. The measures outlined in the Plan and supporting documents, such as the UK Low Carbon Industrial Strategy, the Renewable Energy Strategy and the Low Carbon Transport: A Greener Future and the Low Carbon Industrial Strategy will move the UK towards its low carbon path, which will secure our energy supplies for the future, maximise the economic opportunities for jobs, skills and investment as well as ensuring policies are fair to protect the most vulnerable in society.**

The move to a low carbon economy is an opportunity for Britain. Improved energy efficiency can save money – estimated at up to £3.3bn/year for British businesses. And UK companies are well placed to take advantage of the growing international market for low carbon solutions, which can be a key driver of our economic growth

Transforming the country into a cleaner, greener and more prosperous place to live is at the heart of our economic plans for Building Britain's Future and ensuring the UK is ready to take advantage of the opportunities ahead.

If you would like further information please e-mail Nick Skates at **BIS – Hot Issues** ([businessrelations.hotissues@BIS.gsi.gov.uk](mailto:businessrelations.hotissues@BIS.gsi.gov.uk)) or Telephone: 020 7215 6517

## BIS - News

### Unleashing the Potential of People at Work



**Involving employees in the future of their firms will be crucial if businesses are to take advantage of new opportunities, according to an independent review published July 16th. The MacLeod review of employee engagement has recommended government support and more cooperation by businesses large and small to make sure the relationship between employees and employers is at the centre of business plans.**

The Department commissioned David MacLeod and Nita Clarke to lead the review and make recommendations on promoting employee engagement in September 2008.

David MacLeod said: "This is about unleashing the potential of people at work and enabling them to be the best they can be. Whether we are in a downturn or in better economic times, engagement is a key to innovation and competitiveness. Engagement is increasingly recognised as vital by senior figures in the public sector, the private sector and trades unions. We are delighted that if our recommendations are accepted, a distinguished sponsor group has already agreed to work with us to raise awareness and understanding. Employers in all parts of the economy can make a success of employee engagement through culture change, rather than investing significant financial resources."

Nita Clarke said: "Our recommendations set out a road map for government to offer help and support, and for businesses and employee groups to help each other." If workplaces up and down the UK learn from the best standards already in place, the whole country will benefit. When done well, employee engagement is a

win for the organisation, a win for the individual and a win for the country as a whole."

The MacLeod review recommends:

- The Government should raise awareness of employee engagement benefits and techniques.
- Establishment of a senior sponsor group to boost understanding of employee engagement – with representatives from business, the public and not-for-profit sectors, and unions. Many leading figures have already agreed to be part of this group.
- The Government and its agencies should work together to ensure their support is aligned and tailored to the needs of different organisations and sectors.
- A range of more practical support should be made available by March 2010.

If you would like further information please see the [BIS website](#).

## Strategy for low carbon businesses to benefit British jobs



The Low Carbon Industrial Strategy was launched on July 15<sup>th</sup> and sets out the action the Government is taking to ensure that British businesses and workers are equipped to maximise the economic opportunities and minimise the costs of the transition to a low carbon economy.

The strategy follows from Building Britain's Future: **New Industry, New Jobs**, and sets out how the Government aims to ensure that the transition to low carbon is a source of quality jobs and business savings in Britain: from our rapidly developing civil nuclear industry and renewable energy sector, to energy saving in our smallest SMEs.

The strategy identifies a range of low carbon sectors with potential for job creation and growth. These include: wave and tidal power; civil nuclear power; offshore wind; and ultra-low carbon vehicles. It also sets out the Government's strategy for removing barriers that are blocking the development of Britain's full potential in these areas.

The strategy recognises that local and regional strengths offer a good foundation to realise future economic benefits for Britain.

The strategy also sets out the first investments from the £405 million for low carbon industries and advanced green manufacturing announced at Budget 2009. Key investments include:

- Up to £60m to capitalise on Britain's wave and tidal sector strengths, including investment in Wave Hub – the development of a significant demonstration and testing facility off the Cornish coast – and other funding to make the South West Britain's first Low Carbon Economic Area.
- Up to £15m capital investment in order to establish a Nuclear Advanced Manufacturing Research Centre consisting of a consortium of manufacturers from the UK nuclear supply chain and universities.
- A £4m expansion of the Manufacturing Advisory Service, to provide more specialist advice to manufacturers on competing for low carbon opportunities, including support for suppliers for the civil nuclear industry.
- Up to £10m for the accelerated deployment of electric vehicle charging infrastructure.
- Up to £120m to support the development of a British based offshore wind industry.

If you would like further information please see the [BIS Website](#).

## Trade credit insurance top-up scheme extended

**Real help now**

**BUSINESS SECRETARY Peter Mandelson has announced changes that will mean many more firms can purchase top-up cover as part of the Government's trade credit insurance scheme.**

Since 1st May, companies who have had their credit insurance cover reduced have been able to purchase six months top-up cover under the £5bn scheme.

In response to requests from business, eligibility for the scheme will be backdated to included suppliers who had their cover reduced since 1 October last year. Previously, the scheme was available to companies who had cover reduced since April this year. The credit insurance provider HCC joins the three largest credit insurers as a provider of the scheme.

Trade credit insurance is part of the Real Help Now packages of support to help businesses through the recession. Peter Mandelson said: "This extension will give more small and medium-sized businesses flexibility to a reduction in their credit insurance cover. We are acting decisively to help more businesses and allow them

breathing space to adjust their business models in response to the current climate."

The Trade Credit Insurance Scheme, which runs until 31st December 2009, allows suppliers to purchase government-backed insurance to either restore cover to the original level or double the amount they are able to obtain from the private sector up to the value of £1m (whichever is the lower).

Trade credit insurance provides suppliers insurance against the risk of a buyer defaulting on their payment for goods after a period of credit. The product helps give suppliers confidence to extend payment terms to their buyers and banks the security to provide working capital facilities. Reduction or withdrawal of credit insurance can lead to financial pressure on both buyers and on suppliers.

If you would like further information please see the [Business Link Website](#).

## Current BIS Consultations

### We want your views

**The Department needs you to respond to consultations as they make a difference to the outcome of the Department's policies. Please let us know your views.**

Full details of the Consultation process may be found on the [BIS Consultation website](#) together with details of closed and archived Consultations. You can [order a printed copy](#) of the consultation document online. If you would prefer to request a copy by telephone, phone 0845 015 0010.

Once the consultation deadline has passed and we have analysed the responses, the Department will place a copy of the Government Response on the consultation's page on the BIS Consultation Website - you will find this by using the link [Closed with Response](#). The Department aims to do this within three months of the date the consultation closed.

### **A selection of our current Consultations:**

#### **The Blacklisting of Trade Unionists: Revised Draft Regulations**

**Starting Date:** 07-07-09

**Closing Date:** 18-08-09

#### **Background to consultation**

The Department for Business, Innovation and Skills is seeking views on draft Regulations that will outlaw the blacklisting of trade unionists. The Government believes that trade unions, and those who belong to them and participate in their activities, play a legitimate role in any democratic society. It believes that the blacklisting of trade unionists should have no place in the conduct of employment relations in this country. The Regulations that are the focus of the current consultation are an amended version of Regulations that were the subject of a consultation in 2003.

### **Consultation Documents**

[The blacklisting of trade unionists: consultation on revised draft regulations](#)  (373KB)

### **Consultation on Employment Tribunal Claims and the Public Interest Disclosure Act**

**Starting Date:** 03-07-09


**Closing Date:** 02-10-09

#### **Background to consultation**

Employment tribunals determine complaints made where claimants believe that they have suffered a detriment at work, or have been dismissed for making a protected disclosure (“whistle blowing”) under the Public Interest Disclosure Act 1998 (“PIDA”). The tribunals do not make any assessment of, or take any action on, the issue underlying the allegation, as these matters do not fall within their powers or area of expertise.

The issue of how allegations of underlying abuse in PIDA cases might be addressed was raised during the passage of the Employment Act 2008. Government committed to explore whether there was a practical process which would enable the substance of allegations giving rise to PIDA claims to the employment tribunals to be assessed and where appropriate acted upon, without involving the release of unsubstantiated allegations into the public domain. It was envisaged this would involve information being passed from the employment tribunals to the relevant regulators (“prescribed persons” under PIDA). This would mean that the regulator could take action where appropriate in accordance with their own practices and procedures. It would then be a matter for the regulator to address instances of unlawful, fraudulent or dangerous behaviour.

### **Consultation Documents**

[Consultation: employment tribunal claims and the Public Interest Disclosure Act](#)  (249KB)

## Consultation on Legislation to Address Illicit P2P File-Sharing

**Starting Date:** 16-06-09

**Closing Date:** 15-09-09

### Background to consultation

This consultation sets out the Government's legislative approach for addressing the problem of illicit use of Peer-to-Peer (P2P) file-sharing technology to exchange unlawful copies of copyright material.

### Consultation Documents

[Consultation on legislation to address illicit peer-to-peer \(P2P\) file-sharing](#)  (568KB)

## Other Departments Consultations

The **DirectGOV Website** has a full list of Consultation Websites

## Recent BIS Publications

### What's new

A selection of recent BIS publications added to the Departments Publications website in the last few weeks. There are over 4,500 publications available on our website.



### Advanced manufacturing URN: 09/1116

The Advanced Manufacturing package aims to expand access to information and encourage take up of new technologies, and is part of Government's targeted support for key sectors and markets. It builds on the 2008 Manufacturing Strategy and the *New Industry, New Jobs* plan which sets out the Government's vision for Britain's economic future. Published 28 July 2009.



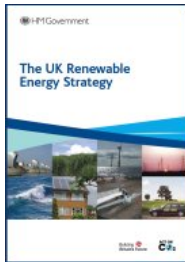
### The UK Low Carbon Industrial Strategy URN: 09/1058

Provides a strategic view of Britain's low carbon strengths and opportunities, detailed actions, and a solid basis for cross-Whitehall implementation. Includes the detail of Government proposals and funding commitments to maximise the benefits to industry of transition to low carbon. Published July 15 2009.



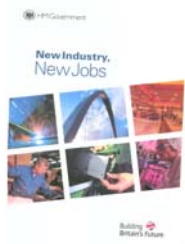
**The UK low carbon transition plan: national strategy for climate and energy URN: 09D/716.**

White paper setting out the UK's first ever comprehensive low carbon transition plan to 2020. This plan will deliver emission cuts of 18% on 2008 levels by 2020 (and over a one third reduction on 1990 levels). Published 15 July 2009.



**The UK renewable energy strategy [Cm 7686] URN: 09D/682. Command paper 7686.**

Strategy to increase use of renewable electricity, heat, and transport. Covers meeting renewable energy targets, tackling climate change, and promoting the security of energy supply. Also looks at the opportunities in the UK renewable energy sector and the UK's path towards a low carbon, sustainable future. Published 15 July 2009.



**New industry, new jobs. Building Britain's future URN: 09/922.**

Strategy identifies key areas where Government action can have most impact, investing in growth to speed recovery and building manufacturing and services essential to ensure British people and businesses can compete successfully for the jobs of the future. Outlines a framework for strengthening the Government's industrial policies and the way it supports Britain's economic renewal and future growth. Published 20 April 2009.



**Life sciences blueprint: a statement from the Office for Life Sciences URN: 09/1072.**

Details of the actions to be taken by Government to ensure that the life sciences industry is in the best possible position to drive future growth and prosperity whilst continuing to bring improvements in healthcare. These actions have been agreed in partnership with stakeholders in industry, the higher education sector and the NHS. Published 14 July 2009.



**Towards a low carbon economy: economic analysis and evidence for a low carbon industrial strategy URN: 09/1028.**

BIS economics paper no.1. Reviews the economic rationale and supporting evidence of the potential for UK Government action to help transform the UK economy to one based on low carbon production and consumption. Relates to the UK low carbon industrial strategy URN 09/1058. Published 15 July 2009.



**Health and safety in small organisations: reducing uncertainty, building confidence, improving outcomes URN: 09/1012**

Summary of the findings and recommendations of the Risk and Regulation Advisory Council's work regarding the challenges faced by small organisations when managing their health and safety risks. Published 23 July 2009.

**Manufacturing, Materials Energy and Climate Change Units Contact**

We trust that you enjoy this new edition and look forward to receiving your feedback on how we may improve the publication for our next edition. Please **contact us**.

**Department for Business Innovation and Skills**

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**Please see our website for an electronic version of this publication.**

## Manufacturing and Materials – Roles and Responsibilities

Name	Job Title
Marie-Anne Mackenzie (Mrs M)	Head of Manufacturing & Materials
Noreen Moriarty (Miss NF)	Personal Assistant

### Relationship Management

Name	Role
Brian Greenwood	Team Leader and Relationship Management, Corus, Siemens and liaison with EEF
Sandy Grom	Engineering, non ferrous metals and composites including Rio Tinto Alcan, EAMA
Kenton Thompson	Materials and Nanotechnology Team - Technology Coordination
Simon Greaves	Ferrous Metals and Metals Processing including Sheffield Forgemasters and Metals Forum
Ivan Youd	Nanotechnologies and Materials, Bombardier transportation and Hitachi (Trains)

### Manufacturing Strategy

Name	Role
Keith Avis	Manufacturing Strategy Team Leader
Stuart Barthropp	Manufacturing Policy
Annabella Coldrick	Manufacturing - Senior Policy Advisor Advanced Manufacturing
Martin Gilligan	Manufacturing Strategy Communications Implementation and Communications
John Mackay	Manufacturing Advisory Service and Regional aspects of Manufacturing Strategy implementation
Mark Wilkins	Manufacturing Strategy
Karen Willcocks	Managing Manufacturing Insight and Manufacturing Futures project
Russell Kerr	Manufacturing Strategy/Communications

### UK Trade & Investment (UKTI)

Name	Role
Donald McNeill (Mr D)	Head of Advanced Engineering
Janet Tingle (Miss JA)	Head of Engineering within the Advanced Engineering Team.
Ben Taylor (Mr B)	Marketing Executive
Roisin McClory (Mr R)	Marketing Account Manager: Oil & Gas and Advanced Engineering (UKTI MG Marketing Services)

## Energy and Climate Change Unit – Roles and Responsibilities

Name	Role
<b>Terry Martin</b>	Head of Energy and Climate Change
<b>Patel Indira (Mrs I)</b>	Personal Assistant

### Domestic Climate Change

Name	Role
<b>Sean Browne (Mr S)</b>	Team Leader Domestic Energy and Climate Change
<b>Nick Skates (Mr N)</b>	Lead BIS input on Renewable Energy Strategy; Carbon Capture and Storage; Climate Change Agreements; Carbon Reduction Commitment; and Carbon Budgets.
<b>Suki Dhadar (Mr S)</b>	Advising on energy and climate change issues

### International Climate Change and EU ETS

Name	Role
<b>Terry Martin (Mr TE)</b>	Head of International Energy and Climate Change
<b>Stephen Cornelius (Dr J)</b>	International Climate Change
<b>Vicky Elliott (Ms V)</b>	Team Leader Climate Change Projects Office (CCPO) - supporting businesses involved in carbon trading and the Kyoto Mechanisms
<b>Annie Norgrove (Mrs A)</b>	Leader of BIS Policy on EU Emission Trading Scheme (EUETS)
<b>Simon Clode (Mr S)</b>	EU ETS
<b>Hannah Greig (Ms HK)</b>	Business Communications Manager in the Climate Change Projects Office
<b>Oliver Sinclair (Mr O)</b>	Business Engagement Manager in the Climate Change Projects Office - supporting businesses involved in carbon trading and the Kyoto Mechanisms
<b>Tom Bouwens (Mr TFT)</b>	Providing technical advice on climate change projects and CCPO trade missions

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