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Environmental Issues

World Environment Day (WED) was celebrated on 5th June. WED was established by the UN General Assembly in 1972 to mark the opening of the Stockholm Conference on the Human Environment. The theme for WED 2009 was “Your Planet Needs You – UNite to Combat Climate Change”. The purpose of this day was to;

- Give a human face to environmental issues
- Empower people to become active agents of sustainable and equitable development
- Promote an understanding that communities are pivotal to changing attitudes towards environmental issues
- Advocate partnership which will ensure all nations and peoples enjoy a safer and more prosperous future.

As part of the day, some suggestions were given on how to easily green your daily routine. As well as suggestions for home and travel, there were several aimed at greening work, these included:

- Use a washable mug rather than non biodegradable Styrofoam or plastic cup.
- Use the back of scrap paper for notes and messages
- If there isn't one, implement an office recycling scheme
- Set your printer to double sided printing as a default
- Recycle ink cartridges
- Lower the office's carbon footprint by setting monitors, computers, printers, copiers, speakers and other business equipment to use their energy saving features and turn them off at the end of the day.

- Don't place lamps or TV sets near the air conditioning thermostat as it senses heat from these appliances and can cause the air-conditioner to run longer than necessary

You can find more tips on the WED website www.unep.org

June also saw the Third Sector Declaration on Climate Change signed by UK Environment Minister Huw Irranca-Davies and Climate Change Minister Joan Ruddock. (The Third Sector is the voluntary or non-profit sector of the economy)

Stephen Hale, Director of the Green Alliance and chair of the Third Sector task force said, “This is another important step in the rapid spread of action on climate change across the third sector. More and more organisations are joining the diverse movement that we need to shape a positive low-carbon future. The task force and the third sector declaration are both important contributions to this”

Further support from the UK Government is seen in the £51.5 million in interest free loans that have been made available to help public sector organisations take advantage of energy efficient technology. The scheme will provide loans to pay for the installation of a wide range of energy efficient measures in public buildings. For further information contact the Department of Energy and Climate Change on 0300 060 4000

As the current economic situation continues, many people are finding themselves at risk of losing their jobs, redundancies are widespread, and many of those who still have their jobs are being asked to justify their existence. Employers are demanding high levels of qualification or expertise, and yet are



reluctant to allow their staff study time away from the workplace for their studies.

QMT's On-line Courses

Online/e-learning courses as well as distance learning courses provide a credible, affordable, manageable route to gaining qualification and career development. These are bite-sized qualifications which would not interfere with the routine daily work and without the added cost and drain on time that classroom training requires.

QM&T have recently launched the following online/e-learning courses which include:

- ISO 9001:2008 Internal Auditor
- ISO 9001:2008 Benefit and QMS Requirements

For further information please visit www.qmt.co.uk

CQI no longer to support the EOQ

The Chartered Quality Institute (CQI) has withdrawn its support for the European Organisation for Quality (EOQ). It no longer feels that the EOQ provides sufficiently dynamic or effective leadership for improving quality training and standards in Europe and it can no longer justify the cost of membership.

Simon Feary, CEO of the CQI said, "Any membership organisation must have a clearly defined purpose relevant to its constituent members and must demonstrate that appropriate and effective actions are being taken to support that purpose. We no longer feel that EOQ can demonstrate this and therefore conclude that our subscriptions could more effectively be used elsewhere. In historical terms our withdrawal is significant and not a step we have taken lightly. The UK as a founder member has had an involvement since the 1950's" The CQI will continue to monitor the work of the EOQ and its position could be revised in the future.

For further information, please visit www.thecqi.org

Are you motivating your staff?

A survey carried out by the Keep Britain Working campaign of 1,600 workers, found that 58% of manufacturing bosses are now less able to motivate their staff and a third have increased the amount that they blame and criticise others. 38% of bosses are hiding themselves away and 31% are indifferent. Founder of Keep Britain Working, James Reed, said "Bosses need to realise that they have a huge effect on those around them and that no matter how they feel, their first responsibility is to do more to motivate staff."

However, Adam Buckley, programme manager for the Manufacturing Institute, defended manufacturing bosses, "In this survey, I don't recognise the manufacturing bosses we come into contact with on a daily basis who typically realise that people are their prime asset and are crucial to delivering the business improvements on which future business success and economic recovery depends."

For further information, please visit www.thecqi.org

New ISO Standard

A new ISO standard has recently been released that will help ensure the reliability of structures in areas exposed to strong winds and cyclones. ISO 4354, *Wind actions on structures* describes the actions of wind on structures, and specifies methods for calculating characteristic values of wind loads. According to Prof. William Melbourne, convenor of the working group that developed the standard, "One of the biggest advantages of ISO 4354 is that it allows you to bridge the gaps of all the wind loading codes around the world. The standard provides methodology for calculating wind loads on structures, some of which have never been available in this form before."

The standard can be used in conjunction with ISO 2394, *General principles on reliability for structures* as well as other ISO International Standards on design of structures.

For further information, please visit www.iso.ch



An Action Plan for the Digital Economy

The UK Government have recently released "The Digital Britain White Paper" which sets out the importance of the Digital Economy to the nation's economic future and how it will drive future industrial capability and competitiveness.

The Prime Minister said, "This report shows how we will ensure we have a world class digital and communications infrastructure, that we promote and protect talent and innovation in our creative industries, that we modernise our TV and radio frameworks and support local news."

Digital measures include

- Communications infrastructure – to strengthen and improve the digital infrastructure
- Digital Participation – ensuring that everyone can share the benefits of Digital Britain
- Digital Content – taking steps to make the UK one of the world's main creative capitals

For further information and to read the report, please visit www.culture.gov.uk/what_we_do/broadcasting/6216

Energy Standard

A new standard BS EN 16001 *for energy management systems* will be launched in July. It was created to help organisations set up, implement, maintain and improve energy management systems. It aims to help organisations reduce costs and greenhouse emissions and take into account legal or other specific requirements and information about their significant energy applications. The structure is similar to that of ISO 14001 *Environmental management systems* and can be used independently or integrated with other management systems.

How to report Greenhouse Gas Emissions

The Department of Climate Change (DECC) and Defra have recently launched a public consultation on guidance aimed at helping

organisations to manage and reduce their greenhouse gas (GHGs) emissions. The guidance provides a simple step by step process on how an organisation should calculate its own corporate 'carbon footprint'. The guidance will be published after the consultation by October 2009. Minister for Climate Change, Joan Ruddock, said "Climate Change is one of the biggest threats facing our planet and as a Government we know we can only fight it if we have popular support and people are willing to act. If we are going to tackle climate change effectively then we need to help organisations calculate their own carbon footprint. That's why it is important we make this guidance as clear and straight forward as possible so that those organisations taking action to reduce emissions – by rethinking their business, taking energy efficiency measures and investing in renewables – can clearly and credibly demonstrate this."

The consultation document and guidance are available at www.defra.gov.uk/corporate/consult/greenhouse-gas/index.htm

This guidance comes at a time when recent UK Climate Projections show the possible extent of the changes that the UK might face in the absence of global action to get emissions. The findings are very worrying, without decisive action, there will be an increase in water shortages, heat stress and floods. All these would have a severe impact on people's health and quality of life, the economy and the natural environment.

The Government is tackling climate change on five fronts

1. Protecting the public from immediate risk e.g. flood protection and heat wave planning
2. Preparing for the future – changing the way we build houses and infrastructure, managing water and adjusting farming practices
3. Limiting the severity of future climate change through a new international climate agreement
4. Building a low carbon UK
5. Supporting individuals, communities and businesses to play their part

For further information, please visit www.defra.gov.uk/news/2009/090615c.htm