



## El update

Summer 2008



Welcome to the latest edition of the EI update, designed to keep our members, partners and other key stakeholders up to date with current activities and developments within the Energy Institute – thank you for your continued support, commitment and dedication to our work. We hope you find this update of interest and would welcome any feedback at e: [kcrabb@energyinst.org](mailto:kcrabb@energyinst.org)

### 1. People news



*Sarah Reed*, Editorial Officer – Energy World, left the EI on 25 June to pursue full-time writing aspirations. She has been replaced by Marc Height, who joins the team on 1 September. Marc has an MSc in Climate Change from the University of East Anglia and is also a graduate of the University of Sheffield where he achieved a BSc (Hons) in Geography. He has gained administrative experience at UCL, Adecco Recruitment and American Express, and will be reporting to Steve Hodgson, Editor – Energy World, and will be helping to further develop the magazine.



*James Relf* has been promoted to Professional Membership Manager, reporting to Andy Lewis, with immediate effect. This is in recognition of the sterling work James has done over the past four years, his detailed knowledge of the professional membership process and requirements, the development of his job and the extra responsibilities he has assumed. James will now be taking a more proactive role in audits by the Engineering, Science and Environment Councils, assuming more responsibility for managing the EI's membership database.



*Melmarie Laccay* has joined us as Membership Officer, reporting to James Relf. She has provided temporary cover from time to time over the last three years while she has been completing her studies. Melmarie's main areas of responsibility will be processing pre-professional membership applications and running the Carbon Trust Standard programme as well as processing Company Member and Learning Affiliate membership subscriptions.



*Emily Heath* has joined the EI as Information Officer, replacing Catherine Hall who left to study a PhD in the United States. Emily will be reporting to Catherine Cosgrove, and has an MA in Librarianship from the University of Sheffield, and a BA in English Literature and Art History. She has most recently been working for the Chartered Insurance Institute, and is also a webmaster for a local Fairtrade volunteer group. Emily will be particularly involved in helping develop and manage the web-based Special Interest Groups (SIGs).

*Simon Price* has recently been promoted to Marketing Manager, reporting to Marta Kozłowska, with immediate effect. This is in recognition of Simon's outstanding work in promoting individual membership and recruiting new members. He will now take on a broader remit through further developing the reach of individual membership marketing including planning, implementation, data analysis and budget management.



## 2. Council news

At this year's EI AGM, James Smith FEI, Chairman of Shell UK, was appointed EI President Elect. James is a long-standing supporter of the EI, having joined in 1982 and served as a Council Member since 2005. He became EI Vice-President in 2006 and will take up office as President in June 2009.

In addition, Peter Newman HonFEI stepped down from EI Council as Honorary Treasurer after serving over 10 years in this role. Peter played a key role in guiding the merger to form the EI and, in recognition of his support and commitment, he was presented with an Honorary Fellowship at the AGM; Nicholas Gay FEI from Compact GTL is confirmed as the incoming Honorary Treasurer. Sir John Collins FEI, Dr Nigel Russell CSci FEI and Eur Ing Roderick Wilkie CEng FEI have retired from Council and the EI welcomes Joan MacNaughton CB HonFEI and John Kersey MEI as new Council members.

## 3. Energy in Transition

A new 3-day annual *Energy in Transition* event has been established by the EI to provide a forum for leaders in energy thinking and technologies. The inaugural event, which took place 8-10 July in London, embraced three main themes: Reducing demand, increasing efficiency; Sustainable energy supply; and Climate change and security of supply. Keynote addresses were given by Malcolm Wicks MP, Energy Minister, and Phil Woolas MP, Environment Minister.

With increasing media and public interest in climate change, *Energy in Transition* provided a well-informed and knowledgeable platform for decision-makers to focus on the energy challenges that lie ahead. From the industry's response, it is quite clear we are looking at the most significant period in the energy industry for some time. Many of the speakers and delegates concurred that there are technological and behavioural solutions available today but urgent action is required to make these a reality and there will be some difficult decisions to make on the way.

The event, which was very well attended, also offered delegates the chance to interact with the speakers and provide feedback on themes discussed over the three days. This feedback will be forwarded onto government departments and others as an indication of industry's views on key energy issues and where priorities should be focused. For a summary of these results please visit: [www.energyinst.org.uk/eit](http://www.energyinst.org.uk/eit)

## 4. Nemex awards 2008

This year's three energy awards were judged in April by the EI and presented at the Gala Dinner of Nemex, part of the Sustainabilitylive conference and exhibition held in May. The Energy Manager of the Year was Adrian Palmer of Lancashire Constabulary; with the Renewables Innovation Award presented to Gwyneth Scott and Jenny Boyd of Northern Ireland Electricity; and the Environment and Energy Product/Service Award was won by Mitsubishi Electric Europe for the Ecodan Heat Pump.





## 5. EI/Ipsos MORI survey reveals energy professionals' view of their role

To coincide with the *Energy in Transition* conference, the EI published its findings of an Ipsos MORI survey commissioned in 2007 to establish a snapshot profile of today's energy professionals and seek their views on the future of the energy industry.

The survey, which canvassed over 2,000 workers across all sectors of the energy industry, reveals that energy professionals are highly motivated individuals, who believe that they make a significant contribution to society by working in the industry. They are conscious of the many challenges the energy sector faces now and in the future, the most significant ones being seen as scarcity of natural resources and environmental concerns. Other key outcomes include a high level of job satisfaction, mostly due to finding the industry exciting and fulfilling to work for, and the confirmation that women were still under-represented within the energy workforce compared to the workforce as a whole. The full report is available from [www.energyinstpubs.org.uk](http://www.energyinstpubs.org.uk) at £75.00 + VAT for non EI members and £37.50 for EI members.



## 6. Career development opportunities

The EI has recently signed an agreement with Thomas Telford to build an online recruitment website. The EI is now working on the scoping document to include all the functionality and design of the site, and on the marketing campaign to build awareness among our members and the broader industry. The official launch is scheduled for early January.

In addition, the EI has developed a new service with Expert Alumni to help both individuals and companies benefit from the opportunities offered by harnessing the expertise of the retiring workforce. The initiative offers a solution to the increasing skills gap and bridges the needs of the energy industry with those of the individual. The service offers sophisticated matching opportunities for individual members and companies in a variety of areas including finding resources for short-term tasks, plugging a skills gap, mentoring and coaching.



## 7. Education, training and professional development

An accreditation visit took place to the Dublin Institute of Technology earlier this year. The visiting panel recommended that the BSc Electrical Services & Energy Management and MSc in Energy Management courses become accredited. The Centre for Alternative Technology (CAT) has also become an approved training provider.

The EI is also currently investigating the possibility of turning the TEMOL course into a Foundation degree in Energy Management. With the assistance of a professional higher education consultancy, we are currently canvassing opinion on the likely market for such a qualification and looking at the development of course content.



## 8. Membership recruitment

The total number of new members up to end of July 2008 is 860 individuals and 20 new company members. Eight membership workshops have been held in London this year as well as further workshops at company premises such as RPS Energy, Scottish and Southern, ADTI, DNV and Marathon Oil. Workshops have also been held at Empower in Nottingham, Robert Gordon University and Aberdeen University. A further series of three workshops will be held in London, Nottingham and Aberdeen in the autumn.



### 9. EI partners with ECMK to provide new breed of Energy Assessors

With fast approaching deadlines to deliver Energy Performance Certificates (EPCs) and Display Energy Certificates (DECs), the EI has partnered with ECMK to provide a straightforward route for its members to become accredited as Energy Assessors and produce EPCs and DECs in England, Wales and Northern Ireland.

Under Article 7 of the Energy Performance in Buildings Directive (EPBD), EPCs are required for all commercial and domestic buildings when built, sold or rented and all public buildings over 1000m<sup>2</sup> must display a DEC. These certificates record how energy efficient the building is, and provide a rating of the carbon emissions. The EI and ECMK have been working together to provide a solution that complements the marketplace by tying in the training and lifelong learning that is required and underpins the requirements of the EPBD.

In January 2008, the EI was also recognised by the Scottish Buildings Standards Agency (SBSA) to recognise suitably qualified members to be accredited to issue EPCs in Scotland.

### 10. New EI website and membership database coming soon

The new EI website development work is reaching completion and the site is scheduled for launch in October. In addition to transforming your experience of accessing EI benefits online, the new site will feature interactive and personalised tools to tailor [www.energyinst.org](http://www.energyinst.org) to your own needs.

A project team has also been established to oversee the upgrading of the EI's existing membership database which will give us a more versatile and user-friendly contact management system.

### 11. Recent EI publications

Proceedings from this year's World Petroleum Congress are due to be published at the end of September on DVD. Whilst the content is predominantly oil and gas related, the papers also cover a number of energy-wide topics, including renewable power, transparency issues, skills, youth, sustainability and community initiatives. Papers from the 17<sup>th</sup> and 18<sup>th</sup> WPC Congress are now available to search, buy and download from the EI publications website at [www.energyinstpubs.org.uk](http://www.energyinstpubs.org.uk)

Making WPC papers available online is part of a larger plan to widen the content and types of publications available through the EI publications website. In the past few months the Publishing Team have been focusing on expanding the range of content available to download and securing discounts for EI members for non EI publications. Recent new additions include:

- Croner's Energy Management Guide which offers insight and interpretation of European and UK legislation and practical advice on energy efficiency.
- Centre for Global Energy Studies (CGES) publications – providing independent, objective and comprehensive oil market analysis and specialist studies.
- A selection of energy related titles published by the Chartered Institution of Building Services Engineers (CIBSE).





## 12. Technical and scientific work programme

Centrica has become the latest Technical Partner of the EI and will continue as a full and active member across a number of the EI's technical committees. This builds on significant effort to establish technical links across the programme with a number of Centrica personnel.

Work is progressing against the 2008 technical work programme as planned. This year to date, over 20 technical publications have been published, covering diverse topics such as:

- guidance on the management of corrosion and associated corrosion threats
- guidance and information on biofuels to supplement changes in UK legislation for filling stations and distribution terminals
- guidance to effective workforce involvement
- research on calculations in support of EI 15 (hazardous area classification)
- guidance for the avoidance of vibration induced fatigue failure
- well control during the drilling and testing of HPHT offshore wells (2nd ed)
- guidelines for the determination of flare quantities from upstream oil and gas facilities.

Specific areas of technical activity to highlight include:

*Process safety* – Taf Powell, Investigation Manager and Chief Inspector of the Major Incident Investigation Board (MIIB), attended the Scientific and Technical Advisory Committee (STAC) meeting in April to report on the investigation and discuss future involvement of the EI in follow-on activities. The Process Safety Committee is now established with confirmed terms of reference and will carry forward many of the activities resulting from discussion.

*Environmental protection* – EI technical work on bulk storage risk assessment has also been referenced as recommended good practice in the Competent Authorities' Guidance on Secondary and Tertiary Containment, which has been developed following the Buncefield incident.

*Biofuels* – The European Directive 2003/30/EC promotes the use of biofuels or other renewable fuels to replace part of the diesel and petrol sold in member states. The UK Government's response is the Renewable Transport Fuel Obligation (RTFO) which came into force on 15 April 2008. This places an obligation on road fuel suppliers to ensure that a target percentage of their total road fuel sales are biofuels, and the introduction of ethanol and FAME in particular presents significant challenges to industry in relation to handling and distribution of fuels – in particular in relation to jet fuel. The EI is responding on a number of levels to address these challenges on behalf of industry. For more details, please visit: [www.energyinst.org.uk/biofuels](http://www.energyinst.org.uk/biofuels) for an overview of activity in this area.

In the first half of the year, the technical team has also hosted two major workshops – a Biofuels Measurement and Analysis Symposium, attended by over 150 delegates with a number of exhibitors, and a workshop on developing test methods for FAME in jet fuel.



## Diary dates

Key events/exhibitions scheduled for 2008 which the EI is supporting:

- *The Energy Event (Birmingham):* 10-11 September
- *BIEE Academic Conference (Oxford):* 24-25 September
- *Tank Storage Association conference (Coventry):* 28 September
- *Talent Management for E&P (London):* 1-2 October
- *Human and Organisational Factors in the oil, gas and chemical industries (Manchester):* 7-8 October
- *Future talent in oil, gas and power (London):* 7-9 October
- *Energy Solutions (London):* 8-9 October
- *APEA conference (Telford):* 23 October
- *Amphora (Coventry):* 6 November

Other EI and branch events taking place in the next three months include:

- 10 September *Offshore Safety conference (Aberdeen)*  
**events@energyinst.org**
- 16 September *Short-term oil market outlook (London)*  
**events@energyinst.org**
- 17 September *Gas hydrates (London)*  
**events@energyinst.org**
- 18 September *Visit to Wytch Farm oil production (Dorset)*  
**bob.olding@bournemouth.gov.uk**
- 23 September *Decommissioning conference (Aberdeen)*  
**events@energyinst.org**
- 25 September *Visit to Lenzing Fibres (Grimsby)*  
**tim.brant@virgin.net**
- 8 October *ITM Power Bi-Fuel Car, Home Hydrogen Re-Fuelling, and the Hydrogen Home (Essex)*  
**arnold.carlson@lineone.net**
- 10 October *Humber branch dinner dance*  
**tim.brant@virgin.net**
- 14 October *Microgeneration on a macro scale (London)*  
**events@energyinst.org**
- 16-17 October *Energy Efficient Management Summit (London)*  
**www.emtoday.com**
- 22 October *Low Carbon Best Practice Exchange (Harrogate)*  
Register at **www.ei-carbonexchange.org**
- 28 October *Zero carbon homes conference (London)*  
**events@energyinst.org**
- 12 November *Geo thermal and tidal stream (London)*  
**events@energyinst.org**
- 19 November *EI Awards 2008 (London)*  
**events@energyinst.org**
- 24 November *Facing up to oil depletion conference (London)*  
**events@energyinst.org**

