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Forward features list - OTC edition May 2010

Oil and Gas - the world of extreme supply chains!
Prof Alan Braithwaite, LCP Consulting and Cranfield School of Management
'Extreme' has become the buzzword for dangerous sports and activities; mountaineering, avalanche snowboarding and surfing are among the most dangerous competitive and adrenalin filled. In the world of supply chains, Oil and Gas is the ultimate 'extreme' activity. It is important to understand why? What we can learn from the skills required to run Oil and Gas supply chains? ...and ask what oil and gas might take from best practice in other sectors to make their chains better?

Nuclear new build and the National Policy Statement
Energy analyst David Hunter, McKinnon & Clarke
As the Government launches the public consultation, and Parliamentary scrutiny of the draft Nuclear NPS begins, this seminar will discuss issues surrounding the list of 'strategically suitable' sites and the environmental and sustainable effects as outlined in the Appraisal of Sustainability. Furthermore, this meeting will examine the way in which nuclear fits into the energy mix and the arrangements that are being made to manage and dispose of nuclear waste. This article concentrates on the need for nuclear, the urgency and obstacles to be overcome in order to maintain UK energy security and work towards climate change targets.

Carbon emissions don't stop at Dover
Robin Godfrey , CEO, Circadian Solar
A response to the UK's Low Carbon Transition Plan: while carbon emissions don't stop at Dover, the UK government has habitually focused only on encouraging green technology that could lower its own emissions and is loathe to take the broader view. In the case of solar, for example, there are major intellectual strides being made in this country on technology that would be deployed abroad, but this concept tends not to be acknowledged in Westminster.

Potatoes to power
Wardell-Armstrong
It sounds like an environmentalist's dream. Thirty thousand tonnes of organic food waste diverted annually from landfill and converted instead into renewable energy. Electricity generated and used locally, with the surplus supplied back to the grid. Heating power used locally for water, space heating and refrigeration. Organic fertiliser created as a by-product and sold as a soil conditioner. Waste water treated and recycled organically on site. Landfill carbon and methane emissions dramatically reduced. Timber-framed, straw in-filled, sedum-roofed buildings created to house the plant and a visitor centre. And all this as a self-sustaining, virtually closed loop system. The article from environmental engineering consultants Wardell Armstrong describes the design and planning process for the plant in March, Cambridgeshire that will convert organic food waste into electricity, heat and fertiliser.

Investor confidence in offshore wind
Stephen Wilson, Director of wind energy, NAREC
This article will address some of the key issues in the industry:
· Accelerating the development of offshore wind energy industry
· Addressing investor confidence in the renewable sector and reducing risk Narec is a national centre for the UK dedicated to accelerating the deployment and grid integration of renewable energy and low carbon generation technologies, utilising wind, wave, tidal, solar PV and thermal power.

Building systems
Palantir Solutions
Building systems to allow organisations to very quickly re-assess their portfolios' value and take actions as events unfold. So, what is the effect if the oil price increases by X%, if an M&A opportunity suddenly pops up, or if one of the main projects turns out to be a failure; and does such event trigger a change in priorities on the projects pursued by an organisation. The piece would be based around business critical portfolio valuation tools

Oil rig decommissioning
Torus Insurance
An article on the decommissioning of oil rigs – as this will by 2030, involve the closing of 400-450 platforms in the north sea alone, costing the industry over £20bn. We'll look at the risks involved and the issues faced.

Contact Katrina Bell, Editor, for more details of the editorial breakdown for 2010
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Interview Gabriel Ruehan, CEO, Global Marine Systems
With all the buzz and hype around renewable energy at the moment, it's been repeatedly stated that the clean energy industry is ripe with potential, not only the potential to generate clean energy but also to create jobs and stimulate the economy. But just how can the UK fulfil this potential, and affect a permanent migration away from fossil fuels towards the use of carbon neutral energy? British company Global Marine Systems is involved in the installation and maintenance of subsea cables for offshore wind farms, and its CEO, Gabriel Ruhan, believes that the UK has a huge opportunity in offshore wind power. Indeed his company made a conscious decision to
diversify several years ago from the telecoms sector into the energy sector, having worked on many of the world's largest and most high profile offshore projects such as Kentish Flats, Horns Rev & Horns Rev 2.

ROV & Subsea by Ian Gallett, SUT
Details to follow

IMCA: Oceanology review
Hugh Williams, Chief Executive of IMCA

Developing KPIs that Drive Process Safety Improvement
Bruce McMichael

PROJECT FOCUS Decommissioning in the North Sea, focussed on BP's North West Hutton
Bruce McMichael

Dwindling oceans of engineers
Dr Marcus Jones, Chief Executive, Institute of Marine Engineering, Science & Technolog (IMarEST)
Some of the very best engineers I have had the privilege of working with, have their roots at sea. Engineers such as the Chief Engineer of Oriana; the Technical Manager of Vela responsible for some of the largest super tankers in the world; the OIM of the giant Britannia platform; the Thunderhorse semisubmersible; and the shore-side engineers of all disciplines who support these assets. These are all engineers in the marine sector. A tough, intelligent and resourceful breed...