



News from CCS TLM - February 2012

CCS TLM is the leading provider of integrated, expert consultancy, engineering and advisory services to the emerging CCS sector.

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30th April to 3rd May 2012
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CCS TLM ACADEMY and NCCCS TRAINING

Following hot on the heels of our successful **Simplifying CCS** course in January, bookings are now being taken for our next course '**Carbon, Capture and Storage: A Field-Based Masterclass**' on **30th April-4th May 2012** in Dorset, UK which is being conducted in conjunction with **AGR TRACS Training** who provide technical and commercial training courses to the oil and gas industry and **Dr Bryan Lovell OBE**. For full information, click [here](#).

We are pleased to confirm our next '**Simplifying CCS**' open course will be held in Calgary on **9-10th May**. Full information will be available on our [website](#) shortly.

More dates are planned throughout 2012 in various locations. We will keep you updated through this newsletter, alternatively please keep checking our [website](#) for more details.

Both courses are undergoing endorsement by the Geological Society and are supported by Dr Bryan Lovell OBE, Senior Research Fellow in Earth Sciences, University of Cambridge.

Members of The Geological Society receive a 10% discount on course fees.



To book your place or discuss your individual or bespoke training requirements, please call +44 203 463 8529 or email academy@ccstlm.com

NEWS

CCS TLM exhibiting at Platts 6th Annual European Carbon Capture and Storage event: 27-28 February 2012, London



CCS TLM will be exhibiting at the Platts European Carbon Capture and Storage event in February 2012 in London. This is the 6th annual event which has more sessions with a stronger focus on the storage challenge.

Paul Bryant, CCS TLM's CEO, will be part of the '**Driving CCS Forward**' panel discussion on day 1. For further information,

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including the full programme which gives a 25% discount on the conference fee, click [here](#). We look forward to seeing you there.

A four-point plan for a new international energy cooperation

European Energy Review

International cooperation in energy markets has been strengthened in recent years, observes Noé van Hulst, Director of the new Energy Academy Europe and former Secretary-General of the International Energy Forum (IEF). But he also notes that energy markets remain far from stable. More needs to be done. For this reason, Van Hulst has drawn up a bold four-point plan to improve international energy relations: nations should agree on a standardized form of communication about their energy policies, they should try to get some agreement on the "pathways" that they want to follow to a cleaner energy future, and they should set up mechanisms to deal with energy crises as well as conflicts or disputes. The IEF, he says, should take a leading role in this global effort.

To read the full article, click [here](#).

The CDM and its implications for CCS

The Clean Development Mechanism (CDM) was created during the 1997 Kyoto discussions and had two objectives:

1. To focus investment in GHG emission reduction on the best value for money opportunities. This suggested new build rather than retrofit options, more of which can be expected to be located in developing countries.
2. To incentivise the 'industrialised countries' to support such preferential projects. The emissions reductions resulting would be credited to the funders national emission result.

The economic logic of such a process is clear, with governance of the process and result under the formal aegis of UNFCCC.

The scope of most projects from CDM introduction (2001) to date has been renewable energy, fuel switching and energy efficiency investments and the expectation is that by end 2012 1.5b Tonnes of CO2 equivalent emissions would have been abated. CCS at the time was specifically excluded.

From the outset this exclusion was debated especially as the materiality of expected future emission reductions by CCS investments became apparent initially from the power generation sector. This was a growing investment especially in developing countries as their economies expanded.

The lengthy process of ensuring the two CDM principles could be achieved by a CCS project were debated amongst the various CDM technical and scientific bodies between 2005 and 2011.

This was successfully concluded and at Durban in December 2011, CCS was accepted as a CDM candidate with a unique proviso: 5% of the identified emission reduction credits would be held in an escrow account for a period of at least 20 years after the completion of the storage project to account for any leakage.

This positive outcome should provide a focus for investigating CO2 storage opportunities for developing countries rather than just mature locations.

In addition, it could also provide a framework for liability legislation development which will ensure the resolution of some of the long-term storage ownership concerns, consensus on which has still not been reached. This, in turn, could catalyse the principle of cross border transfers of CO2 to promote timely investments in regions constrained by storage opportunities.

Mike Cloud, Commercial Director

For more information, or if you have any questions regarding the CDM and CCS, please click [here](#).

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We provide a comprehensive service covering the entire CCS value chain:

- Storage appraisal incl. EOR
- Commercial analysis
- Owners engineer & EPC-M
- Contract negotiation
- Project integration
- Bankability & project finance
- Technical appraisal
- Risk analysis and assurance



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