



Diakrino

integrated exploration,
production & carbon services

CCS Risk Assessment and Management Course

COURSE SUMMARY

Carbon Capture and Storage is a means of mitigating the contribution of fossil fuel emissions to global warming, based on capturing carbon dioxide (CO₂) from large point sources such as fossil fuel power plants, and storing it in such a way that it does not enter the atmosphere.

The CO₂ can be permanently stored in various deep geological formations (including saline aquifers and depleted reservoirs), liquid storage in the ocean, and solid storage by reaction of CO₂ with metal oxides to produce stable carbonates. Whichever way we would want to store CO₂ there risks involved which have to be identified, assessed, analysed and managed.

The CCS Risk Assessment and Management Course classify Carbon Storage Risk into Business, Legal, Environmental, Quality, Health, Safety, Security and Technical Risk Domains and comprehensively discuss managing these risk domains through the Carbon Storage life Cycle: Pre-Characterization, Appraisal, CO₂ Store Development and Injection, Monitoring and Abandonment.

WHO SHOULD ATTEND

- Executives responsible for delivering CCS projects
- CCS Project Managers
- Senior and Middle Risk Managers interested in CCS
- Senior and Middle Managers responsible for implementing QHSES Systems

HOW WILL YOU BENEFIT

Some of the benefits of the CCS Risk Assessment and Management course are as highlighted below:

- Learn the different risk domains existing in a typical CCS Project
- Identify the risks of a Carbon Storage Project through the complete Life-Cycle of the Project.
- How to create a risk culture and ensure that all staff Members feel empowered and are aware of their responsibilities where risk management is concern
- Understand how to assess and categorize risks identified in all defined Domains
- Develop risk management measures that meet basic requirements and are recommended as "best practice" within the organisation and the industry.
- Understand how risk management informs Management decisions

IT WOULD BE BENEFICIAL

For those that would attend to have knowledge of any of these standards: Quality Systems (ISO 9001), Environmental Systems (ISO 14001), Health and Safety Systems (OSHAS 18001), Security Systems (ISO 28000, ISO **27001**)



COURSE PROGRAMME

Day 01

Morning Session

- What is CCS?
- CCS the Story so far?
- The Geology of Carbon Storage
- The Carbon Storage Process

Afternoon Session

- Introduction to the Sub-Surface (Geological Formations)
- Introduction to Risk Management
- Definition of Key Terms

Day 02

Morning Session

- Identifying Risk through the Carbon Storage Life Cycle
- Assessing Risk within each Risk Domain
- Categorizing Risk within each Risk Domain
- Managing Risk through the Carbon Storage Life Cycle

Afternoon Session

- Identifying Risk through the Carbon Storage Life Cycle
- Assessing Risk within each Risk Domain
- Categorizing Risk within each Risk Domain
- Managing Risk through the Carbon Storage Life Cycle

Day 03

Morning and Afternoon Session

- Practical Risk Management Case Study.



Date: 1st – 3rd of June 2011

Venue: Hilton Tower Bridge, London, UK

Investment: US\$ 2.500,00

More Information:

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