

An Intensive 3 Day covering the leading international approaches for measurement, reporting and verification of GHGs in Oil & Gas flaring and methane management

GREENHOUSE GAS MEASUREMENT, REPORTING & VERIFICATION IN OIL & GAS FLARING & METHANE MANAGEMENT

Dubai, UAE | 16th - 18th November 2014



ROB FOWLER

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Lead advisor at Essential Change Advisory Services



KEY BENEFITS OF ATTENDING:

- Engage in an intensive 3 day training course from the Greenhouse Gas Management Institute (GHGMI) - the leading global GHG training provider
- Learn about leading GHG standards and practices from some of the experts that helped develop them and have been delivering GHG courses for over 10 years
- Receive copies of the relevant international GHG standards for Oil & Gas flaring & methane management
- Improve your knowledge of best practice for GHG emissions management in the Oil & Gas sector

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MICE EVENTS

2014

WORKSHOP OVERVIEW

Many companies are taking action for their greenhouse gas (GHG) emissions that are a cause of climate change. GHG Measurement, Reporting and Verification (MRV) tools and activities provide a framework for companies to understand, plan, manage and communicate their activities that create or reduce GHG emissions.

Within the Oil & Gas sector, the management of methane emissions is recognised as a practical and significant source of GHG emissions reductions. Recently there has been growing attention on the opportunities in this area and the action which is required to achieve results, including government, corporate and multilateral initiatives.

The systems and approaches used for monitoring, reporting and verifying the GHG emissions from flaring and other methane management activities continue to evolve in many ways, causing certain challenges for practical implementation. This course has been designed to provide a cross-cutting understanding of MRV approaches, systems and tools to oil & gas sector practitioners, enabling them to adapt their own methods to meet regulatory and reporting requirements.

The objective of this course is to provide participants with a cross-cutting foundational understanding of the concepts and techniques for the monitoring, reporting and verification of flaring and other methane management activities in the Oil & Gas sector.

ABOUT OUR COURSE FACILITATOR

Rob Fowler is recognised globally as an expert in climate policy, sustainability, carbon markets and their impact on business. Over the last decade he has provided advice to a wide range of organisations, including the UN, governments, major corporations, international banks, service providers, industry associations and non-profit organisations.

His experience and expertise is focused on the detailed design and implementation of carbon market mechanisms, the development of robust approaches to monitoring, reporting & verification of carbon emissions, and preparing government and business decision makers for their role in a carbon constrained global economy. He has a unique perspective in this sphere, spanning the policy, regulation, commercial and technical aspects of carbon & climate change.

Rob is a Faculty member of the Greenhouse Gas Management Institute and has provided expert training to a wide variety of corporate, government and civic society clients. He has trained verifiers on ISO14064 requirements, facilitated World Bank training courses on facility level MRV, and supported a wide variety of system and process changes within large organisations.

Rob is currently the Chair of the Technical Advisory Committee for the Gold Standard Foundation, and has contributed to the development of standards and protocols including the WBCSD/WRI GHG Project Protocol, the international standard ISO14064, and the Australian Standard for carbon accounting in forests. He has been an active member of the UNFCCC's expert register and has provided advice to the CDM Executive Board and other carbon market administrators on new methodologies, registration of projects and accreditation of verifiers.

Rob's experience with the oil & gas sector began in 1996. During that time he has worked with major IOCs in Asia, key NOCs in the Middle East and various other stakeholders in the sector. He has worked inside these organisations as a technical specialist as well as a strategic advisor, defining processes and developing in-house capabilities to enable ongoing management by his clients.

He regularly presents at domestic and international conferences and workshops on topics such as emissions trading scheme design, scheme administration, monitoring and verification, progress with regional and national emissions trading systems, and establishment of effective frameworks for offsets projects and emissions reduction activities.

Since his professional career began in 1996, Rob has lived and worked in Melbourne, Sydney, Shanghai, Singapore, Abu Dhabi, Boston, Bangkok, and East Kalimantan. These experiences have provided him with a flexible approach to working styles and the ability to drive group outcomes in a wide variety of cultures.

MODULE OVERVIEW

DAY ONE

Module 1 - An introduction to the Monitoring, Reporting & Verification of GHG emissions, including aspects of some major GHG programs

Module 2 - A brief introduction to Organization GHG accounting and the use of standards such as ISO 14064 Part 1 and the GHG Protocol for Corporate Accounting, providing the context for more detailed exploration of MRV activities within larger organisations

Module 3 - An introduction to GHG accounting for the Oil & Gas sector, including

- Sector-specific and activity-specific guidance and good practice
- Review of the major initiatives on flaring and methane management
- Discussion of how monitoring technologies and GHG accounting practices are evolving



DAY TWO

Module 4 - A step-by-step process to design and manage a GHG inventory for a flaring & methane management installation, for example

- Planning the GHG inventory process
- Establishing boundaries
- Monitoring and Quantification
- Tracking and reporting GHG performance
- Quality management system

Module 5 - An overview of GHG emissions reduction opportunities in flaring & methane management

- Case studies from IOCs, NOCs and Oil & Gas service providers
- Planning GHG mitigation
- Assessing GHG mitigation options and developing action plans



DAY THREE

Module 6 - An introduction to GHG verification processes, including the approach under ISO 14064 Part 3

- Outline of the process for planning, executing and completing a GHG verification
- Preparing for verification of your MRV system
- Understanding the continuous improvement cycle of regular GHG verification

Wrap-up of the lessons and discussions during the course, including an extended Q&A on key issues.

WHO SHOULD ATTEND

Anyone with an interest in GHG measurement, reporting and verification and best practice in GHG emissions management in the Oil & Gas sector.

In particular anyone involved with environmental management systems, GHG inventory managers, flaring & methane project managers, and corporate environmental and sustainability managers.