

IMPROVING COMPANY PERFORMANCE THROUGH BEST PRACTICES IN GREENHOUSE GAS MEASUREMENT, REPORTING AND VERIFICATION (MRV)

Jakarta, Indonesia | 5th - 9th March 2018

An Intensive 5 Day covering the leading international GHG standards (e.g. ISO, GHG Protocol) for entity-level (i.e. company, facility) measurement, reporting and verification as well as GHG emissions management

MICE EVENTS
2018

Day 1-2: Inventory & Management
Day 3-5: Verification



Lisa Hanle

Director
MRV Support Program (GHGMI)

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Greenhouse Gas Management Institute



Online training, networking, professionalizing
The society of greenhouse gas professionals

RELEVANT EXPERIENCE (PARTIAL LIST)

- A leading expert on GHG emissions quantification, reporting and review on the facility, corporate, national and international level;
- Lead Author on the 2006 IPCC Guidelines for National GHG Inventories;
- Key architect of the U.S. GHG Reporting Program, the nation's first mandatory GHG reporting program;
- Responsible for development of the U.S. GHG inventory for coal, oil and natural gas systems and industrial processes;
- Programme office at the United Nations Framework Convention on Climate Change, supporting GHG reporting and review activities for Annex I countries;
- Member of the Committee for a National Academies of Sciences, Engineering and Medicine on Anthropogenic Methane Emissions in the United States

KEY BENEFITS OF ATTENDING

- Engage in an intensive 5 days training course from the Greenhouse Gas Management Institute (GHGMI) – the leading global GHG training provider
- Learn about the leading GHG standards from some of the leading experts that helped develop them and have been delivering GHG courses for over 10 years
- Receive copies of the ISO 14064 series of international GHG standards
- Improve your knowledge of best practice for GHG emissions management



WORKSHOP OVERVIEW

Many organizations are managing their greenhouse gas (GHG) emissions for a number of reasons: to minimize their impact on the planet, to prepare for regulation and address evolving disclosure requirements, to increase energy efficiency and/or to build their profile as an environmental leader. Organizations are engaging in GHG verification for GHG emissions inventories, emission offset projects, supply chain carbon footprints and other activities to provide assurance to stakeholders about the validity of performance claims, whether for voluntary markets or regulatory programmes.

Building an inventory of your sources and emissions (eg., carbon footprint) is an essential first step to assessing risks, reducing emissions and tracking your performance. This training course will cover how to perform entity-level GHG accounting for organizations and their facilities, as well as plan GHG management activities to reduce GHG emissions. This training course will also cover GHG verification of inventories.

COURSE LESSONS

Day ONE

- Introduction and Overview to Organizational GHG Accounting and Management
- Organizational Boundaries
- Operational Boundaries
- Tracking, Calculating, Reporting and Managing
- Data Collection and Calculation
- Inventory Quality Management



Day TWO

- Elements of GHG Inventory Reports
- Preparing for GHG Management
- Assessing GHG Mitigation Opportunities
- Planning GHG Management Activities
- GHG Knowledge Management



Day THREE

- Introduction to GHG Verification
- Principles and Concepts of GHG Verification
- Overview of GHG Verifier Requirements
- Preparations for a Verification Engagement



Day FOUR

- Reviewing GHG Documentation
- Reviewing Controls Procedures and Data
- Assessing Uncertainty and Risk



Day FIVE

- Planning the Verification
- Executing the Verification
- Completing the Verification



WHO SHOULD TAKE THIS COURSE

Anyone with an interest in entity-level GHG measurement, reporting and verification and best practice in GHG emissions management. In particular anyone involved with environmental management systems, energy and environmental auditors, as well as users of verification services such as GHG inventory managers, project developers, corporate environmental and sustainability managers and investors.



Lisa Hanle

Director

MRV Support Program (GHGMI)

Lisa Hanle has been active in the reporting and review of GHG inventory information at the project, facility, national and international level for over 17 years. While working at the U.S. Environmental Protection Agency (EPA), she was part of the GHG Inventory team, responsible for compiling the U.S. GHG inventory for fugitive methane emissions from coal mining, and petroleum and natural gas systems, as well as for the industrial processes sources. At the corporate level, she represented U.S. EPA in the development of the WRI/WBCSD Corporate Accounting and Reporting Standard and, at the project level, the GHG Protocol for Project Accounting. She was a key architect in the development of the U.S. mandatory, facility-level GHG reporting program, coordinating methodological development across all sources. In particular, she focused on methods under Subpart W- oil and natural gas systems.

In the international processes, Lisa was a lead author in the development of the 2006 IPCC Guidelines for National GHG Inventories for the minerals industry and uncertainty analysis.

Building on her technical expertise in GHG inventory development and international processes, Lisa served as a Programme Officer at the UNFCCC for several years, supporting the development of the latest Annex I GHG inventory reporting guidelines (decision 24/CP.19) and the UNFCCC Annex I inventory review guidelines (decision 13/CP.20). In addition, she was responsible for coordinating the reviews of Annex I GHG inventories through desk, centralized and in-country assessments.

Most recently, Lisa serves as a Director of the MRV support program at the Greenhouse Gas Management Institute, applying the practical experience she has gained working on facility, corporate, national and international GHG inventories to enhance measurement, reporting and verification systems for the broader global community.

Lisa holds a Master's Degree from the Johns Hopkins University School of Advanced International Studies, where she focused on International Economics with a concentration in Energy, Environment, Science and Technology and a Bachelor's Degree in Biology from Notre Dame of Maryland University. She was also a Fulbright Scholar, studying in Konstanz, Germany.

A background image showing several industrial smokestacks emitting thick white plumes of smoke or steam into a hazy, overcast sky. The image is in grayscale and serves as a backdrop for the text.

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