

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

An Intensive workshop 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.



18<sup>th</sup> – 22<sup>nd</sup> January 2021

## COURSE FACILITATOR



### OLIA GLADE

Director of Measurement, Reporting,  
and Verification (MRV) System



M.I.C.E GLOBAL  
Your Gateway to Business Success

In cooperation with the  
Greenhouse Gas Management Institute



## 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 standard 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

## COURSE 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 OUTLINE

This online course will be delivered in as a web-based workshop taking 4 hours a day (including breaks) for 5 days of one week from 9 am to 1 pm. The agenda provides the time frame for each day providing flexibility of the delivery and an opportunity to cater the delivery to the needs of the participating learners. That is why the specific time allocation for each lesson is not shown. There will be a 5-10 minutes break after each lesson and one 30 minutes break at half-time at approximately 11 am each day.

### DAY ONE

Course introduction

*Break*

Introduction to GHG MRV System

*Break*

Lesson 3 - Introduction to Organizational GHG Inventories

### DAY TWO

Lesson 4 - Organizational and Operational Boundaries

*Break*

Lesson 5 - Tracking and calculating GHG emissions

*Break*

Lesson 6 - Inventory Quality Management

### DAY THREE

Lesson 7 - Elements of GHG inventory Reports

*Break*

Lesson 8 - Introduction to GHG Management

*Break*

Lesson 9 - Planning and Assessing GHG Mitigation

### DAY FOUR

Lesson 10 - Principles and Concepts of Verification plus exercise

*Break*

Lesson 11 - Preparing for Verification

*Break*

Lesson 12 - Reviewing GHG Documentation and Controls

*Break*

Lesson 13 - Reviewing GHG Data

### DAY FIVE

Lesson 14 - Introduction to Executing the Verification

*Break*

Lesson 15 - Assessing GHG Controls, Procedures and Data

*Break*

Lesson 16 - Reporting the Verification

## WHO SHOULD ATTEND

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

## ABOUT OUR COURSE FACILITATOR



### OLIA GLADE

**Director of Measurement, Reporting,  
and Verification (MRV) System**

Olia Glade has been active in the reporting and review of GHG inventory information at the project, programme, national and international level for the past 9 years. While working at the New Zealand's Ministry for the Environment (MfE), she was leading the interagency GHG Inventory team, managing the national greenhouse gas reporting programme as the national GHG inventory compiler and UNFCCC.

Building on her technical expertise in GHG inventory development and international processes, Olia served as an energy sector expert and later, as an expert-generalist and a Lead Reviewer for GHG inventories, National Communications and Biennial Reports at the UNFCCC, leading desk, centralized and in-country assessments. As a Lead Reviewer, she participated in several projects focused on the review process improvement, presented at the Lead Reviewers meetings in Bonn and wrote a fundamental QA/QC and Verification paper.

Most recently, Olia serves as a Director for Monitoring, Reporting and Verification (MRV) Systems at the Greenhouse Gas Management Institute, bringing the expertise in natural science, education, greenhouse gas reporting and review under the UNFCCC and Kyoto Protocol, and designing GHG data management systems to the Institute.

Apart from GHG accounting, national inventory systems and data management systems, Olia's technical expertise includes Chemistry and Crystallography (PhD, over 100 research papers in peer-reviewed scientific journals and conference presentations), molecular biology and bioorganic chemistry (MSc), and teaching (Grad. Diploma). In addition, she holds several Microsoft Professional certifications.