

Training Outline



Sustainability Standards Training Series

GHG Training

Course Overview

Green House Gas (GHG) management can provide a systematic way to identify the carbon footprint or emission for looking towards reduction opportunity in CO2 emission. The course will help enterprises to train a GHG internal team to collect, analyse, and manage greenhouse gas information. GHG calculation is mandatory for management systems of oil palm operations such as MSPO, RSPO and ISCC. The results of the GHG assessment are also often used as an assessment of the qualifications of the supply chain from the principal

This training will describe the basic knowledge on how emissions inventories are developed for the industrial sector. The participants will be able to have a general understanding of the applicable standard requirement about GHG and provide the knowledge to determine which methods suits with their operational activities.

Target Participant

This course is recommended for directors, senior executives, managers, auditors, facilities managers, and engineers, Internal Auditors, GHG Officer etc.

Course objectives

All participants will be taught practically to understand the requirements of GHG management standards.

- ✓ Fundamental to climate change and rational to the need for GHG assessment
- ✓ Understand the basic concepts, communication, and reporting of GHG inventories.
- ✓ Measure, assess and evaluate the emission of GHG.
- ✓ How to view improvement planning from GHG results.

Training Method

This course is designed and delivered based on the concept of practical-based training by using data appropriate to the production using a special user-friendly template. Teaching techniques that include lectures, group discussions, and workshops

Course Outline

- ✓ Introduction, Climate Change, Types of Greenhouses
 - Gases (GHG) its Global Warming Potential
 - Global market trends and updates on sustainability development and relevant regulations
 - Sustainability solutions in low carbon economy
- ✓ Rational for the needs of GHG assessment
 - International climate change agreement (Kyoto Protocol, Paris Agreement)
 - International Trade Policy – Carbon Policy, Chain-of-Custody, Carbon Tax
- ✓ Applicable Standard that requires for GHG calculation/assessment
 - MSPO Standard series, principles and methodology of GHG calculation
 - Chain-of-Custody, supply-chain requirements
 - Guidance from ISO 14064-1:2018 - Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
 - Guidance from ISO 14064-2:2019 - Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements
 - Guidance from the ISO 14067:2018 - Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification
- ✓ Case studies of GHG in Palm Oil industries and other industries
- ✓ GHG accounting principles
 - Materiality and Allocation criterion and rule for application
 - The Life cycle Approach
- ✓ Units used for GHG emissions reporting.
 - Possible Emissions Sources
 - Principles and emission factors usage
 - Quantification of GHG emissions

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Why Us

Why OSH-ISIS Shall Be Your Preferred Partner

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Simplified Management System



Hyperlinked Management System

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