

Organizational GHG Accounting: Measuring an Organization's Carbon Footprint

GHG Protocol/ISO 14064-1 Essentials – Greenhouse Gas Inventories

Course Overview

1:00 – 1:15 – Introduction		
Topic	Material Covered	Activities
<i>Introduction & Overview</i>	<ul style="list-style-type: none"> Meet and Greet Course Introduction Review of Course Objectives 	
1:15 – 2:30 – GHG Accounting Principles		
<i>Intro to GHG Inventories</i>	<ul style="list-style-type: none"> Business Applications for Corporate GHG Inventories Overview of Industry Standards and Protocols Sources of GHG Emissions Global Warming Potentials (GWP) and Carbon Dioxide Equivalents (CO₂e) 	
<i>Organizational Boundaries</i>	<ul style="list-style-type: none"> Setting Organizational Boundaries Complex Company Structures <ul style="list-style-type: none"> Equity Share vs. Control 	
<i>Operational Boundaries</i>	<ul style="list-style-type: none"> Identifying and Categorizing Emission Sources Direct and Indirect Emissions 	
<i>Tracking and Reporting Emissions Over Time</i>	<ul style="list-style-type: none"> Setting the Base Year <ul style="list-style-type: none"> Single Year vs. Multiyear Recalculating Historic Emissions Fixed vs. Rolling Base Year 	
<i>Setting GHG Reduction Targets</i>	<ul style="list-style-type: none"> Why set a GHG Target Establishing Target Boundaries Tracking and Reporting Progress 	
2:30 – 2:45 – Break		
2:45 – 4:00 – Developing a GHG Inventory		
<i>Collecting Data and Calculating Emissions</i>	<ul style="list-style-type: none"> Identifying Emission Sources Collecting Data and Emission Factors <ul style="list-style-type: none"> Activity Data Emission Factors Calculating Emissions <ul style="list-style-type: none"> Selecting an approach GHG Inventory Requirements Third-party Verification Rolling up GHG Data to Corporate Level 	Exercise: Discuss a Corporate Inventory
4:00 – 4:45 – Group Project		
<i>Practical Application</i>	<ul style="list-style-type: none"> Participants choose from a set of emission activities and create an inventory (data provided) 	Exercise: Quantifying GHG Emissions & Reductions
4:45 – 5:00 – Question & Answer (Discussion)		
5:00 – Adjourn		