XCELERATE TRAINING INSTITUTE
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AGRIBUSINESS SUSTAINABILITY

# GHG Accounting and Carbon Management Training Course

Measuring, Reporting and Reducing Scope 1, 2 and 3 Emissions

| DURATION | LANGUAGE | FORMAT | COURSE CODE |
|---|---|---|---|
| 5 days | English or Arabic | Classroom / Online | HSE-101 |

## Upcoming dates

| Dates | Venue | Format | Fee |
|---|---|---|---|
| 8 – 12 Feb 2027 | Casablanca | Classroom | €3,600 |
| 19 – 23 Apr 2027 | Dubai | Classroom | €3,800 |
| 28 Jun – 2 Jul 2027 | Geneva | Classroom | €4,800 |
| 2 – 6 Aug 2027 | Istanbul | Classroom | €3,800 |
| 11 – 15 Oct 2027 | Kuala Lumpur | Classroom | €5,500 |
| 20 – 24 Dec 2027 | London | Classroom | €4,800 |

### Register or ask a question

Online: x8ti.com/course/ghg-accounting-and-carbon-management-training-course/
+491631686678 · info@x8ti.com

# GHG Accounting and Carbon Management Training Course

## Introduction

Investors, regulators, customers and large buyers now ask organisations to report their greenhouse gas emissions and show credible reduction plans. Reliable carbon data is also the starting point for net-zero strategies, carbon pricing and sustainability reporting.

This course teaches participants how to build a greenhouse gas inventory based on the GHG Protocol and ISO 14064, calculate Scope 1, 2 and 3 emissions, set targets and manage reduction programmes and carbon credits responsibly.

## Learning Objectives

By the end of this course, participants will be able to:

- Explain the GHG Protocol and ISO 14064 frameworks
- Set organisational and operational boundaries
- Calculate Scope 1, 2 and 3 emissions
- Build and maintain a GHG inventory
- Set science-based reduction targets and plans
- Understand carbon markets, credits and verification

## Training Methodology

This course combines short expert presentations with practical exercises, case studies from the Gulf and international organisations, group discussions and work with real templates and tools. Participants are encouraged to bring examples from their own work so that the learning can be applied immediately.

Participants calculate emissions for a case company using spreadsheet tools and real emission factors.

## Benefits for Your Organisation

- Reliable emissions data for reporting and decisions
- Readiness for customer, investor and regulatory requests
- Identification of cost-saving reduction opportunities
- Credible net-zero commitments
- Lower risk of greenwashing claims

## Benefits for You

- Practical carbon accounting skills
- Calculation templates you can reuse
- Understanding of carbon markets
- Ability to lead emissions reporting
- A valuable competence in the energy transition

## Who Should Attend

This course is designed for:

- Sustainability and environmental managers
- HSE professionals
- Energy and operations managers
- Finance and reporting staff supporting ESG
- Consultants and auditors

## Course Outline

### Day 1: Climate Change and Carbon Management

- Climate science and policy essentials
- Net-zero commitments in the Gulf and globally
- Why organisations measure emissions
- GHG Protocol and ISO 14064 overview
- Key greenhouse gases and global warming potentials

### Day 2: Boundaries and Scope 1 and 2

- Organisational and operational boundaries
- Scope 1: combustion, process and fugitive emissions
- Scope 2: location-based and market-based methods
- Emission factors and data sources
- Calculation exercises

### Day 3: Scope 3 Emissions

- The 15 Scope 3 categories
- Supplier data and spend-based methods
- Prioritising material categories
- Data quality and uncertainty
- Scope 3 calculation exercises

### Day 4: Targets and Reduction

- Base year and recalculation policy
- Science-based targets
- Energy efficiency and renewable energy options
- Decarbonising supply chains
- Building a reduction roadmap

### Day 5: Reporting, Verification and Carbon Markets

- Reporting emissions in sustainability reports
- Verification and assurance
- Compliance and voluntary carbon markets
- Quality criteria for carbon credits

- Action plan for your organisation

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# Registration Form

## GHG Accounting and Carbon Management Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

### Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

### Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

### Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

### Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

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Open the course page