



This course was developed by  
CSA Standards, and is delivered by  
Carbon Action.

## ISO 14064-2 Essentials – Greenhouse Gas Projects

### COURSE MATERIALS INCLUDE:

- ▶ Course Binder, including slides, exercises, case studies
- ▶ ISO 14064-2 standard: ISO 14064-2:2006 – Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements.

### WHO SHOULD ATTEND

- ▶ Individuals involved in the management of project GHG emissions, energy and environmental consultants, GHG validators and verifiers.

### PRE-REQUISITE:

- ▶ None

# Reducing Your Organisational Environmental Impact

## ISO 14064-2 Essentials – Greenhouse Gas Projects

This course provides a background and introduction to greenhouse gas projects. Projects that both reduce emissions (e.g. alternative energy systems) and enhance emission removals (e.g. forestry projects) are addressed. The course reviews the requirements of ISO 14064-2, including principles and requirements for determining project baselines, monitoring, quantifying and reporting project performance, and validation and verification requirements. The course also explores the linkages between ISO 14064-2 and other GHG protocols, such as the WRI/WBCSD GHG Protocol for projects and the Voluntary Carbon Standard. Potential linkages with the Clean Development Mechanism will also be discussed.

## AGENDA

### Course Introduction

- Welcome, introductions and course administration
- Introduction to ISO, ISO 14064 standards & WBCSD/WRI GHG Protocol

### Introduction to GHG Projects

- Overall introduction to GHG projects
- Types and rationale for GHG projects
- Key points of the GHG project cycle

### ISO 14064-2 Terms & Definitions

- Overview of ISO 14064-2 GHG Standard for Projects and WBCSD/WRI
- GHG Protocol for Projects
- Key terms and definitions, Principles, General requirements

### Identifying Sources, Sinks, Reservoirs

- Identifying sources, sinks and reservoirs (boundaries and leakage)
- Identification of SSRS relevant to the project
- Seven Step Procedure to identify relevant SSRS for the project
- Application of Procedure
- Documentation of the application of the procedure

### Determining the Baseline Scenario

- How to select a procedure
- Project Specific procedure

- Identification of potential baseline candidates
- Barriers test
- Performance standard
- Comparison of CDM Additionality Tool and WBCSD/WRI GHG Protocol for Projects Quantifying GHG Emissions or Removals
- Quantifying GHG emissions and/or removals
- Selection of relevant SSRs for monitoring or estimation

### Quantifying GHG Emissions or Removals

- Quantification of GHG emission and removals
- Use of emission or removal factors
- Types of emission factors

### GHG Monitoring and Data Management

- GHG Monitoring and Data Management
- Monitoring Plan
- Developing a Monitoring Plan
- Quality Control, Quality Assurance
- GHG Information Management System

### Documenting and Reporting

- Documenting, validating, verifying and reporting the GHG project
- ISO 14064-2 Reporting Requirements
- Documenting the GHG project
- Validation and/or verification of the GHG project
- Reporting the GHG project, GHG Protocol Requirements on Reporting

