Step 1 on your Carbon Professional Path Journey

CPP-14064-1 Greenhouse Gas Inventory Quantification for Organizations

Course Description

Overview

This course will lead you to obtain the knowledge and certificate that demonstrates your competence to measure and quantify greenhouse gas (GHG) statements. It is applicable to organizations and entities.

The course offers fundamental knowledge and comprehension to assist organizations in quantifying and effectively managing their greenhouse gas (GHG) emissions. The course covers essential concepts regarding GHGs and provides a comprehensive overview of ISO 14064-1 requirements. Course also extensively covers guidance from GHGProtocol Corporate Accounting & Reporting Standard.

These standards enable organizations to identify and establish GHG emission boundaries, establish and recalculate base year and measure their GHG emissions and removals, and identify strategies for enhancing GHG management.

Prerequisites: None

Learning Objectives

On completion of this course, you will be able to:
- Set GHG inventory boundaries
- Plan a GHG inventory process
- Explain data collection and organization methods
- Use data to calculate and analyze emissions results
- Apply best practices to compile and organize documentation
- Prepare reports to meet internal and external stakeholder requirements

Course Content

1. Organizational, Geographical, Temporal and Operational boundaries
2. Scope 1, 2 and 3 and emissions sources
3. Base year recalculation
4. Principles of Completeness, Transparency, Consistency, Accuracy and Relevance
5. GHG accounting concepts
6. Data collection and management, accuracy, and verifiability
7. Quality Control and Quality Assurance
8. Choosing, developing and apply appropriate quantification methods
9. Calculating and analyzing emissions results
10. Compiling and organizing documentation and preparing reports

Individual Price $350 USD

For Group Pricing contact HRCarbon

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Who should attend:

- Accountants

- Auditors/Verifiers

- Consultants, ESG & Climate Risk (GRI, CDP, TCFD, Ecovadis, etc.) Reporting

- Design Architects

- Development Finance Specialists

- Environmental Engineers

- Facility Managers

- Financial Professionals/Bankers

- GHG Auditors/Verifiers/Validators

- GHG Inventory/Project Quantifiers

- GHG Program Providers

- Government Regulators, Investors

- Managers of GHG offset projects

- Mangers/Coordinators

- Neutral/Offsetting projects

- Offset project developers, proponents.

- Regulatory Compliance Professionals

- Site, Utilities, Facility Managers