



Future Perfect

A subsidiary of General Physics (UK) Ltd
www.gpsustainability.com

Introduction to Carbon Accounting and Climate Change

Ref: GP-CO-UK-319 v1.0 - Oct 2010

© Future Perfect Ltd

For further information, please call
+44 (0)1675 446321

Email us at
futureperfecttraininguk@gpworldwide.com

Visit our website
www.gpsustainability.com

Introduction to Carbon Accounting and Climate Change

Duration

1 day

Overview

This NEW course in Carbon Accounting and Climate Change is designed to equip you with the necessary skills and knowledge to understand greenhouse gas (GHG) emissions reporting.

This class ties together new mandatory reporting requirements at the federal and state level with insight into the latest developments in carbon accounting that will likely be implemented nationwide by 2012. Carbon will enter corporate transactions as a financial statement item when the latest cap-and-trade schemes are implemented under the Environmental Protection Agency's jurisdiction. Additional cap-and-trade and carbon accounting are currently being debated by the Senate as the House passed HR 2454 earlier this year.

Objectives

Accounting and auditing are essential for any fiscal tracking system. The same is true for tracking greenhouse gas (GHG) emissions that will ultimately feed into a carbon accounting process. This workshop offers you an introduction to carbon accounting to assist you in properly using emissions verification data. Using shared learning and group exercises the workshop will provide participants with the skills needed to monetize carbon emissions.

The course is designed to teach CPAs how to calculate the three levels of emissions specifically enumerated in voluntary and mandatory regulatory programs. It is also designed to give CPAs the ability to separate six greenhouse gases and define them using carbon dioxide equivalents for direct comparison and summation purposes. After taking this class, CPAs will be able to correlate each carbon dioxide equivalent with the appropriate cost basis. Specifically, there are several important direct and indirect sources of emissions classified by separate regulatory definitions.



CPAs will be equipped with:

- The knowledge needed to calculate Scope 1 - Direct Emissions for an entity
- The knowledge needed to calculate Scope 2 - Indirect emissions from electricity for an entity
- The knowledge needed to calculate Scope 3 - Other Indirect emissions for an entity
- The knowledge needed to calculate carbon dioxide equivalent emissions and the monetary impact on an entity
- The ability to recognize indirect financial impacts

This class aims to ensure that you understand the importance of carbon management within the context of an overall accounting framework, and the legal framework for GHG emissions accounting, reporting and trading. The course consists of six sessions that cover the history and context of carbon accounting, the reasons GHG emissions reporting is actually accounting and auditing, the mechanics of GHG Registries, and the basics of monitoring and reporting. To bring the information in the class into a real world setting, site-specific data will be used in the exercises completed during the class. This course is an introduction to the complexities of GHG emissions and how tracking carbon can affect a company's financial statements. It also acts as a foundation for people wishing to take advanced classes in carbon tracking and the associated tax implications, and no prerequisites or advanced preparation are required to take the class.

Agenda

Morning

- Personal Introductions
- Purpose and Structure of the Workshop
- History and Context of Climate Change
- Emissions data worldwide and US regulatory developments
- Carbon Accounting and Auditing Standards
- Carbon Accounting and Auditing Process

Afternoon

- GHG Registries
- Organizational and Operational Control Differences
- Registry Methodology
- In-depth emissions calculations
- Problem-Solving workshops