

€ TRAINING

Climate Change & Emissions Trading
Services





Climate Change & Emissions Trading Services

Introduction:

Climate change has taken center-stage as the pre-eminent global environmental challenge of the 21st century. Reducing the greenhouse gas emissions that cause climate change has, as a result, become a principal objective of the business. Delivering these cuts efficiently has led to over 40 governments at regional, national, and international levels to develop carbon trading regimes.

The essential implication of carbon trading is that an organization's climate change strategies are increasingly important in limiting exposure to financial and legal risks. The broader implication of carbon-trading is that increasingly it pays companies to invest in developing a climate change and emissions trading strategy that ensures these risks are limited and that any potential opportunities that arise from emissions trading are fully exploited

Course Objectives:

At the end of this course the participants will be able to:

- Understand what climate change and emission trading services are and what they mean for your organization
- Understand the development of a climate change and emission trading program and setting of exposure acceptance parameters
- Develop a management strategy in selecting internal emission reductions; purchasing credits and/or generating credits to ensure compliance of the "Kyoto Protocol"
- Climate Change & Emissions Trading Workshop: workshop case study will learn how to implement each of the action-steps
- Understand what climate change and emission trading services means for their organization

Targeted Audience:

- HSEQ Managers
- Environment Managers
- Managers, Supervisors, and Consultants who will be part of an Environmental Management Systems Team
- Anyone involved in the implementation, maintenance or supervising of an ISO 14001

Course Outlines:

Unit 1: Understanding The Basics:

- What does climate change mean?
- What is global warming?
- What are greenhouse gases?
- What is your company's exposure to climate change impacts?
- What are emissions trading and carbon credits?
- Overview of climate change policy and the "Kyoto Protocol" requirements

Unit 2: Emissions Trading - System Design:

- Forms of emissions trading
- What are the benefits of emission trading services?
- Open and closed emission trading systems
- Establishing baselines and setting emission exposure acceptance criteria
- Banking and borrowing emission trading and allocated limits
- Assessing climate change risks and their financial implications
- Emission trading

Unit 3: Develop Management Strategy:

- The three main emission trading service options
- Internal emission reductions
- Purchasing credits for compliance
- Generating credits by investing in external projects
- What is the most cost-effective emission trading route?
- Developing a combined option portfolio
- Creating opportunities to capitalize on reduced emissions

Unit 4: Climate Change & Emissions Trading:

- Review of the "EU Emissions Trading Scheme"
- Identifying greenhouse gas emission inventories of your operations
- Assessing and evaluating your climate change emission risks and impacts
- Developing an emissions trading policy and strategy
- Selecting your emission trading service portfolio
- Producing your emissions trading services program
- Establishing your climate changing and emission monitoring and reporting systems

Unit 5: Monitoring & Recording Emission Reductions:

- Identifying your emission reduction monitoring requirements
- Monitoring and verifying emission reductions system
- Registering your emission reductions to facilitate carbon trading
- Quality stamping validity of the emissions reductions
- Carbon Trading
- Key Point Summary of Course Topics