



Climate Change & Emissions Effects on
Trading Services



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Introduction to Climate Change and its Relation to Trade

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 business. Delivering these cuts has led 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 is that it pays companies to invest in developing a climate change and emissions trading strategy that ensures these risks are mitigated and that any potential opportunities that arise from emissions trading are fully exploited.

Targeted Groups

- HSEQ Managers
- Environment Managers.
- Managers, Supervisors, and Consultants who seek will be part of an Environmental Management Systems Team.
- This climate change and emissions impact on the trade course is for anyone involved in the implementation, maintenance, or supervision of an ISO 14001.

Course Objectives

By the end of this climate change and emissions impact on trade course, participants will be able to:

- Understand what climate change and emission trading services are and their significance for organizations.
- Comprehend the development of a climate change and emission trading program and setting of exposure acceptance parameters.
- Develop a robust management strategy in selecting internal emission reductions, purchasing credits, or generating credits to ensure compliance with the 'Kyoto Protocol.'
- Gain hands-on experience through a Climate Change & Emissions Trading Workshop and learn how to implement each of the action steps.
- Recognize the implications of climate change and emission trading services for their organization.

Targeted Competencies

Upon the end of this climate change and emissions impact on trade course, the target audiences will be able to:

- ISO 14001 EMS Environmental Management System.
- Develop climate change and emission trading strategies.
- Understand the identification of cost-benefit options for emission trading services.
- Plan and management of climate change and emissions trading programs.

Course Content

Unit 1: Understanding The Basics

- Comprehend climate change's meaning.
- What is global warming?
- What are greenhouse gases?
- Assess your company's exposure to the impacts of climate change.
- Understand the fundamentals of emissions trading and carbon credits.
- Overview of climate change policy and the 'Kyoto Protocol' requirements.

Unit 2: Emissions Trading - System Design

- Different forms of emissions trading.
- Advantages of emission trading services.
- Understand the comparison between open and closed emission trading systems.
- Establish baselines and set emission exposure acceptance criteria.
- Concepts of banking, borrowing emission trading, and allocated limits.
- Learn about the Financial implications of assessing climate change risks.
- In-depth exploration of emission trading.

Unit 3: Develop a Management Strategy

- Learn about the three primary emission trading service options.
- Strategies for internal emission reductions.
- Learn about Methods for purchasing credits for compliance.
- Learn what general credits are by investing in external projects.
- Evaluate the most cost-effective emission trading route.
- Develop a combined option portfolio.
- Creating opportunities to capitalize on reduced emissions

Unit 4: Climate Change and Emissions Trading

- Analysis of the 'EU Emissions Trading Scheme'.
- Identify greenhouse gas emission inventories of your operations.
- Evaluate climate change emission risks and impacts.
- Formulate an emissions trading policy and strategy.
- Select an emission trading service portfolio.
- Learn about the product of an emissions trading services program.
- Establish climate change and emission monitoring and reporting systems.

Unit 5: Monitoring and Recording Emission Reductions

- Requirements for emission reduction monitoring.
- Understand systems for monitoring and verifying emission reductions.
- Register emission reductions to facilitate carbon trading.
- Ensure the quality and validity of the emissions reductions.
- Detailed insights into carbon trading.
- What is a concise Key point summary of course topics?