Introduction to Climate Change and Its Relation to Trade

- Climate change is a critical global issue, with greenhouse gas reductions being central to business strategies.
- Over 40 governments have developed carbon trading systems to help achieve emissions cuts.
- The importance of integrating climate change strategies to mitigate financial and legal risks, while exploiting opportunities through emissions trading.

Targeted Groups

- HSEQ Managers
- Environment Managers
- Managers, Supervisors, and Consultants involved in ISO 14001 EMS implementation
- Anyone involved in maintaining or supervising emissions trading systems

Course Objectives

- Understand climate change, emission trading systems, and their significance to organizations.
- Learn how to develop climate change and emission trading strategies and set exposure acceptance parameters.
- Gain hands-on experience in implementing climate change actions and emission trading strategies.
- Recognize the implications of climate change and emissions trading for business operations.

Targeted Competencies

- Mastery of ISO 14001 EMS principles.
- Ability to develop effective climate change and emissions trading strategies.
- Expertise in identifying cost-benefit options for emissions trading.
- Proficiency in planning and managing climate change and emissions trading programs.

Course Content

Unit 1: Understanding the Basics

- Define climate change, global warming, and greenhouse gases.
- Assess organizational exposure to climate change impacts.
- Learn about emissions trading systems, carbon credits, and the Kyoto Protocol.

Unit 2: Emissions Trading – System Design

- Explore different types of emissions trading systems and their advantages.

- Understand the comparison between open and closed systems.
- Establish emission baselines, exposure acceptance criteria, and the financial implications of emissions trading.

Unit 3: Develop a Management Strategy

- Strategies for internal emission reductions and purchasing compliance credits.
- Methods for investing in external projects to generate credits.
- Evaluate the most cost-effective emission trading routes and create a balanced portfolio.

Unit 4: Climate Change and Emissions Trading

- Analyze the EU Emissions Trading Scheme.
- Identify greenhouse gas emissions in operations and assess associated risks.
- Formulate an emissions trading policy and strategy.
- Establish climate change monitoring and reporting systems.

Unit 5: Monitoring and Recording Emission Reductions

- Learn the requirements for monitoring emission reductions.
- Understand systems for verifying and registering reductions for carbon trading.
- Ensure the quality and validity of emissions reductions for trading purposes.