



*Training Course:
Carbon Trading Current Schemes and Future
Developments*

*1 - 5 December 2024
Sharm El-Sheikh (Egypt)
Sheraton Sharm Hotel*

Training Course: Carbon Trading Current Schemes and Future Developments

Training Course code: EN235091 From: 1 - 5 December 2024 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel
Training Course Fees: 4200 € Euro

Introduction

Welcome to the Carbon Trading: Current Schemes and Future Developments training program. In this comprehensive course, we will delve into the dynamic world of carbon trading, exploring existing schemes and emerging trends that shape the future of carbon markets. As the global community grapples with the urgent need to mitigate climate change, carbon trading has emerged as a crucial tool in achieving emission reduction targets. Understanding how carbon markets function and their potential for growth is essential for policymakers, businesses, investors, and environmental enthusiasts alike. Whether you are new to carbon trading or seeking to expand your knowledge, this training program aims to provide you with valuable insights, practical expertise, and strategic perspectives.

Target Audience

The training program is designed for a diverse range of professionals, including, but not limited to:

- **Government Officials and Policymakers:** Those involved in shaping climate policies, carbon pricing, and emissions reduction strategies.
- **Corporate Leaders and Managers:** Business executives responsible for sustainability initiatives, carbon management, and compliance with environmental regulations.
- **Environmental Consultants:** Professionals advising organizations on carbon reduction strategies and sustainability practices.
- **Investors and Financial Analysts:** Individuals interested in understanding the carbon market landscape for investment and risk assessment purposes.
- **NGO Representatives and Environmental Advocates:** Those advocating for stronger climate action and seeking to enhance their knowledge of carbon trading mechanisms.

Objectives

By the end of this training program, participants will:

- **Grasp the Fundamentals:** Understand the concepts and significance of carbon trading in the context of climate change mitigation.
- **Explore Current Carbon Trading Schemes:** Analyze established carbon markets like EU ETS and California Cap-and-Trade to identify their successes and challenges.
- **Navigate Carbon Offset Projects:** Comprehend various carbon offset project types, standards, and verification processes.
- **Anticipate Future Developments:** Gain insights into emerging carbon pricing mechanisms and potential advancements in carbon markets.
- **Formulate Strategic Approaches:** Develop practical strategies for integrating carbon trading into business,

- policy, and advocacy frameworks.
- Promote Sustainable Action: Advocate for the adoption of sustainable practices and informed decision-making regarding carbon emissions.

Training program outline

Day 1: Understanding Carbon Trading and Global Context

1. Introduction to Carbon Trading
 - Definition, objectives, and relevance in addressing climate change.
 - The role of carbon markets in achieving emission reduction targets.
2. Carbon Pricing Mechanisms
 - Cap and Trade systems: Principles, advantages, and challenges.
 - Carbon Taxes: Concepts, implications, and effectiveness.
3. Global Carbon Market Overview
 - Major players in the carbon market: Governments, corporations, and NGOs.
 - Current trends and dynamics influencing carbon prices.

Day 2: Existing Carbon Trading Schemes

1. European Union Emissions Trading System EU ETS
 - Evolution, design, and key components.
 - Lessons learned, successes, and challenges faced by the EU ETS.
2. California Cap-and-Trade Program
 - Overview of California's emissions trading system.
 - Regulatory framework and its alignment with broader climate goals.
3. Linking Carbon Markets
 - The concept of market linkage and its benefits.
 - Case studies of successful market linkages.

Day 3: Carbon Offsetting and Project Development

1. Carbon Offset Projects
 - Types of carbon offset projects e.g., renewable energy, forestry, methane capture.
 - Additionality and methodologies for calculating emissions reductions.
2. Carbon Offset Standards and Verification
 - Overview of major carbon offset standards e.g., Gold Standard, VCS.
 - Verification and certification processes for carbon offset projects.
3. Sustainable Development Co-benefits
 - Assessing social and environmental co-benefits of carbon offset projects.
 - Ensuring integrity and credibility in co-benefit claims.

Day 4: Advancements in Carbon Trading

1. Net-Zero Commitments and Corporate Carbon Markets
 - Exploring net-zero pledges and their implications for carbon trading.
 - The role of corporate carbon markets in advancing emission reduction efforts.
2. Emerging Carbon Pricing Mechanisms
 - Carbon pricing innovations and experimental approaches.

- Case studies of pilot programs and their potential impact.
- 3. The Future of Carbon Trading
 - Anticipating market developments and potential challenges.
 - The role of technology and policy in shaping carbon markets.

Day 5: Policy, Advocacy, and the Way Forward

1. Policy and Regulatory Considerations
 - Government interventions and their impact on carbon trading.
 - Navigating legal and political barriers in carbon markets.
2. Carbon Market Advocacy
 - Strategies for promoting carbon market growth and effectiveness.
 - Stakeholder engagement and public awareness campaigns.

Registration form on the Training Course: Carbon Trading Current Schemes and Future Developments

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