



CARBON CREDIT, OFFSETS AND CARBON MARKET TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: Carbon Credit, Offsets and Carbon Market Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a comprehensive understanding of carbon credits, carbon offsets and the functioning of international and voluntary carbon markets. It covers key concepts such as greenhouse gas (GHG) accounting, carbon project development, verification processes, carbon pricing mechanisms, and compliance versus voluntary schemes. Participants will learn how organisations can leverage carbon markets to meet sustainability goals, reduce emissions, and participate in nature-based and technology-based offset programmes aligned with ISO 14064, IPCC guidelines and global market frameworks.

OBJECTIVE(S):

- Understand the fundamentals of carbon credits, offsets and carbon markets.
- Identify different types of carbon projects and methodologies.
- Understand carbon accounting principles and GHG quantification.
- Differentiate between compliance and voluntary carbon market mechanisms.
- Understand verification, validation and issuance processes for carbon credits.
- Evaluate carbon credit quality, integrity and risks.
- Explore nature-based and technology-based offset solutions.
- Strengthen organisational readiness for carbon neutrality and net-zero commitments.

TARGET GROUP(S):

- Sustainability and ESG Teams
- Environmental Officers and Executives
- Corporate Strategists and Compliance Personnel
- Energy Managers and Facility Engineers
- Carbon Project Developers
- Consultants, Auditors and Analysts
- Anyone involved in GHG management or carbon initiatives

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to Climate Change, GHGs and Carbon Pricing
2. Carbon Credits and Offsets: Concepts, Standards and Integrity
3. Overview of Carbon Accounting (ISO 14064 and IPCC Guidelines)
4. Compliance Carbon Markets (ETS, CDM, Article 6 Mechanisms)
5. Voluntary Carbon Markets (VCM) and Global Standards
6. Carbon Project Types: Nature-Based and Technology-Based Solutions
7. Carbon Credit Methodologies, Baseline Setting and Additionality
8. Verification, Validation and Certification Processes
9. Carbon Registries, Trading Platforms and Market Pricing
10. Carbon Strategies for Organisations: Net-Zero, Neutrality and Reporting

LIST OF REFERENCE BOOK(S):

- ISO 14064 Series (GHG Accounting and Verification)
- IPCC Guidelines for National Greenhouse Gas Inventories
- Voluntary Carbon Market Standards (Verra VCS, Gold Standard, GCC)
- Paris Agreement and Article 6 Mechanisms
- GHG Protocol Corporate Standard

LIST OF TEACHING AID(S):

- LCD projector
- GHG emission factor tables
- Carbon project methodology samples
- Market case study sheets
- Flip chart or whiteboard

METHODOLOGY(S):

- Interactive lecture
- Group discussion
- Case studies
- Scenario-based exercises
- Document walkthrough

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Climate Change, GHGs and Carbon Pricing
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2–3: Carbon Credits, Offsets and Carbon Accounting
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 4: Compliance Carbon Markets (ETS, CDM, Article 6)
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 5: Voluntary Carbon Markets and Global Standards

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 6: Carbon Project Types and Offset Solutions
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 7–8: Methodologies, Additionality, Verification and Validation
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 9: Carbon Registries, Trading Platforms and Market Pricing
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 10: Carbon Strategies, Net-Zero Planning and Case Studies