



## CLIMATE CHANGE AND CARBON FOOTPRINT REDUCTION 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:** Climate Change and Carbon Footprint Reduction Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This 2-day training program provides participants with essential knowledge on climate change, its impact, and practical strategies for reducing carbon footprints. The course emphasizes the importance of sustainable practices, greenhouse gas (GHG) reduction, and compliance with local and international environmental standards to mitigate climate change effects.

## **OBJECTIVE(S):**

- Understand the causes and impacts of climate change on the environment and economy.
- Learn about carbon footprint measurement and reduction strategies.
- Gain knowledge of regulatory frameworks and international agreements on climate action.
- Develop skills to implement carbon management practices in organizations.
- Promote sustainable and eco-friendly practices to combat climate change.

## **TARGET GROUP(S):**

- Environmental officers and sustainability managers.
- Business owners and corporate strategists.
- Safety and health officers.
- Employees involved in environmental compliance and sustainability initiatives.

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Introduction to Climate Change and Its Global Impacts.
2. Understanding Carbon Footprint and Greenhouse Gas Emissions.
3. Regulatory Frameworks and International Agreements (e.g., Paris Agreement).
4. Strategies for Carbon Footprint Reduction in Organizations.
5. Developing and Implementing Climate Action Plans.

**LIST OF REFERENCE BOOK(S):**

- IPCC Reports on Climate Change.
- Carbon Footprint Measurement Standards (e.g., ISO 14064).
- Malaysian Climate Change and Carbon Emission Guidelines.

**LIST OF TEACHING AID(S):**

- LCD projector and computer.
- Carbon footprint calculators and tools.
- Whiteboard with accessories.

**METHODOLOGY(S):**

- Lecture.
- Group discussions and brainstorming sessions.
- Practical exercises on carbon footprint measurement.
- Case study analysis on climate action plans.

## TRAINING SCHEDULE

### Day 1

Time	Activity/Topic
8:30 am - 9:00 am	Registration and Introduction
9:00 am - 10:30 am	Topic 1: Introduction to Climate Change and Its Global Impacts
10:30 am - 10:45 am	<b>Morning Tea Break</b>
10:45 am - 12:30 pm	Topic 2: Understanding Carbon Footprint and Greenhouse Gas Emissions
12:30 pm - 1:30 pm	<b>Lunch Break</b>
1:30 pm - 3:30 pm	Practical Session: Measuring Carbon Footprint Using Tools
3:30 pm - 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm - 5:00 pm	Topic 3: Regulatory Frameworks and International Agreements

## TRAINING SCHEDULE

### Day 2

Time	Activity/Topic
8:30 am - 9:00 am	Recap of Day 1
9:00 am - 10:30 am	Topic 4: Strategies for Carbon Footprint Reduction in Organizations
10:30 am - 10:45 am	<b>Morning Tea Break</b>
10:45 am - 12:30 pm	Practical Exercise: Developing a Carbon Reduction Strategy
12:30 pm - 1:30 pm	<b>Lunch Break</b>
1:30 pm - 3:30 pm	Topic 5: Developing and Implementing Climate Action Plans
3:30 pm - 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm - 5:00 pm	Group Activity: Case Study on Carbon Management Practices