MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

CLIMATE CHANGE & CARBON REPORTING

"Mastering Climate Disclosure, GHG Accounting, and Net-Zero Strategies for Sustainable Impact"

Schedule

Date	Venue	Fees (Face-to-Face)
03 – 07 Aug 2026	London, UK	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

As climate change becomes a critical concern for stakeholders, governments, and investors, organizations must respond with transparency and accountability through robust climate change and carbon reporting. This course offers professionals a comprehensive understanding of greenhouse gas (GHG) accounting, climate-related disclosures, and carbon reduction strategies aligned with global standards.

Participants will explore frameworks such as the GHG Protocol, TCFD, and ISSB guidelines, and gain hands-on experience in measuring carbon footprints, setting science-based targets, and preparing sustainability reports. The training is designed to equip professionals to lead climate-related reporting and risk assessment initiatives effectively.

Objectives

By the end of this course, participants will be able to:

- Understand the scientific and regulatory basis of climate change and carbon reporting
- Apply GHG accounting principles using scopes 1, 2, and 3 under the GHG Protocol
- Interpret and implement reporting requirements under TCFD, CDP, and ISSB
- Develop carbon reduction strategies aligned with national and international targets
- Integrate climate risk assessments into sustainability and ESG reports

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Why Attend

- Build expertise in climate-related disclosures and ESG compliance
- Learn to manage GHG inventories and prepare for third-party audits
- Improve risk management and align corporate strategy with climate goals
- Gain competitive advantage in sustainability-focused investment landscapes
- Anticipate regulatory requirements and stakeholder expectations

Target Audience

This program is designed for:

- ESG and sustainability professionals
- Corporate strategy and risk officers
- Environmental managers and compliance officers
- Auditors and financial controllers involved in sustainability reporting
- Consultants working in climate and environmental management

Individual Benefits

Key competencies that will be developed include:

- Expertise in carbon accounting standards and tools
- Capacity to evaluate and report on climate risks and opportunities
- Ability to align business strategy with net-zero goals
- Proficiency in regulatory reporting frameworks and stakeholder engagement
- Skills to lead internal sustainability performance tracking

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced ESG reporting aligned with global standards
- Strengthened investor and stakeholder confidence
- Improved risk mitigation and long-term climate strategy
- Operational insights for carbon footprint reduction
- Preparedness for future regulatory compliance and assurance audits

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Deep dive into climate change frameworks, disclosure requirements, and GHG protocols
- Case Studies – Corporate examples of climate risk reporting and net-zero transitions
- Workshops – Hands-on carbon accounting, emissions calculations, and target setting
- Peer Exchange – Group discussions on climate leadership and ESG integration challenges
- Tools – Templates for GHG inventory, risk assessments, climate disclosures, and reduction plans

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Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Climate Change and Regulatory Landscape

- Module 1: Understanding Climate Science and Global Policy (07:30 – 09:30)
- Basics of climate change science and global warming
- International climate policy – UNFCCC, Paris Agreement, COP updates
- Nationally Determined Contributions (NDCs) and climate targets
- Module 2: Climate Governance and Disclosure Frameworks (09:45 – 11:15)
- Overview of TCFD, CDP, ISSB, and GRI reporting standards
- Roles of government, investors, and civil society
- Regulatory trends and market expectations
- Module 3: Case Study – TCFD in Action (11:30 – 01:00)
- TCFD reporting example from a global energy company
- Scenario analysis and climate risk integration
- Lessons learned and best practices
- Module 4: Workshop – Mapping Your Organization’s Climate Risks (02:00 – 03:30)
- Climate risk identification and prioritization
- Materiality assessment
- Stakeholder engagement planning

Day 2: Greenhouse Gas Accounting – Scopes 1, 2, and 3

- Module 1: GHG Protocol and Accounting Principles (07:30 – 09:30)
- Introduction to the GHG Protocol structure
- Boundaries, base years, and data quality
- Scope definitions and categorization
- Module 2: Scope 1 & 2 Emissions Calculation (09:45 – 11:15)
- Stationary combustion and process emissions
- Electricity and heat purchases
- Emission factor usage and energy data
- Module 3: Scope 3 Emissions – Value Chain Impacts (11:30 – 01:00)
- Upstream and downstream emissions categories
- Data sources, estimation methods, and challenges
- Value chain engagement for carbon data
- Module 4: Workshop – Building a GHG Inventory (02:00 – 03:30)
- Selecting an organizational boundary
- Calculating and categorizing emissions
- Inventory quality control checklist

Day 3: Climate Risk, Adaptation, and Opportunity

- Module 1: Physical and Transition Risks (07:30 – 09:30)
- Identifying and assessing climate risks
- Impacts on supply chains, operations, and infrastructure
- Opportunities in low-carbon innovation
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Module 2: Scenario Analysis for Climate Strategy (09:45 – 11:15)

- Designing and applying climate scenarios
- Assessing resilience to 1.5°C/2°C pathways
- Financial impacts and adaptation responses
- Module 3: Developing a Climate Strategy and Roadmap (11:30 – 01:00)
- Setting objectives and integrating with business planning
- Internal governance for climate action
- Monitoring and review mechanisms
- Module 4: Case Study – Net Zero Pathways (02:00 – 03:30)
- Case of a corporate net-zero transition
- Emissions reduction strategy and performance indicators
- Lessons for implementation

Day 4: Reporting Standards and Best Practices

- Module 1: Aligning with TCFD and ISSB Standards (07:30 – 09:30)
- Principles and structure of disclosure standards
- Climate-related financial disclosures
- ESG investor expectations
- Module 2: Integrating Climate into Sustainability Reports (09:45 – 11:15)
- Linking climate with SDGs and ESG priorities
- Cross-referencing GRI and ISSB content
- Verification and audit preparation
- Module 3: Stakeholder Communication and Assurance (11:30 – 01:00)
- Transparency and credibility in reporting
- External assurance and certification
- Communicating impact effectively
- Module 4: Workshop – Drafting a Climate Disclosure (02:00 – 03:30)
- Using reporting templates
- Framing KPIs and narratives
- Peer review and feedback

Day 5: Strategy Implementation and Performance Tracking

- Module 1: Setting Science-Based Targets (07:30 – 09:30)
- Overview of SBTi methodologies
- Sectoral pathways and benchmarks
- Target approval process
- Module 2: Carbon Reduction and Offset Mechanisms (09:45 – 11:15)
- Renewable energy procurement and efficiency
- Nature-based solutions and carbon credits
- Mitigation hierarchy
- Module 3: Performance Monitoring and Reporting (11:30 – 01:00)
- Tools and platforms for emissions tracking
- Internal KPIs and dashboards
- Reporting cycles and improvement loops
- Module 4: Final Assessment and Certification (02:00 – 03:30)

Group quiz and discussion

- Course review and reflections
- Certificate distribution

Certification

Participants will receive a Certificate of Completion in Climate Change and Carbon Reporting, validating their capabilities in climate risk assessment, GHG accounting, and corporate disclosure aligned with global sustainability frameworks.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

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