Carbon Management Training Course

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The global climate emergency has propelled **carbon management** from a niche concern to a strategic imperative for all organizations. Businesses are under increasing pressure from regulators, investors, and consumers to demonstrate their commitment to **environmental sustainability** and **climate action**. This comprehensive training course provides professionals with the essential knowledge and practical skills to effectively measure, report, and reduce their organization's **carbon footprint**. By mastering the principles of **GHG accounting** and implementing robust **decarbonization strategies**, participants will not only ensure compliance with evolving global standards but also unlock new opportunities for innovation, efficiency, and competitive advantage in the burgeoning **green economy**.

Carbon Management Training Course is meticulously designed to equip a new generation of leaders with the tools to navigate the complexities of **climate change mitigation** and **sustainability reporting**. Through a blend of foundational theory and practical application, attendees will learn to develop a comprehensive **carbon reduction plan** aligned with **Net Zero targets**. The course emphasizes the importance of **data-driven decision-making** and introduces best practices for managing and verifying carbon emissions across the entire value chain. By fostering a culture of **environmental responsibility** and providing a clear roadmap for **sustainable operations**, this training empowers organizations to drive meaningful change, enhance their **ESG performance**, and build long-term resilience.

Programme Curriculum

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Course Duration

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Course Objectives

1. Define and differentiate key concepts in carbon management, including carbon footprint, GHG emissions, and carbon neutrality.
2. Apply the GHG Protocol and other international standards (e.g., ISO 14064) for accurate GHG accounting and reporting.
3. Identify and quantify emissions across all three scopes (Scope 1, 2, and 3) for comprehensive organizational footprinting.
4. Develop a robust and strategic carbon reduction plan with clear, measurable targets.
5. Analyze the business case for decarbonization, including financial, regulatory, and reputational drivers.
6. Assess and manage climate-related risks and opportunities for enhanced business resilience.
7. Explore carbon offsetting and insetting mechanisms as part of a holistic climate strategy.
8. Implement a carbon management system to monitor, track, and verify progress toward Net Zero goals.
9. Navigate and comply with emerging global sustainability reporting regulations (e.g., TCFD, CSRD).
10. Engage key stakeholders and foster a culture of corporate sustainability.
11. Evaluate and select a range of low-carbon technologies and renewable energy solutions.
12. Integrate carbon management into existing business operations and strategic planning.
13. Communicate sustainability performance effectively to investors, customers, and employees.

Organizational Benefits

- Demonstrates a proactive commitment to **environmental responsibility**, attracting environmentally conscious consumers, investors, and top talent.
- Ensures the organization is prepared for and compliant with tightening global regulations and climate-related disclosure requirements.
- Identifies opportunities for **energy efficiency**, waste reduction, and process optimization, leading to significant cost savings.

- Positions the organization as a leader in **sustainable business practices**, strengthening market position and stakeholder trust.
- Improves eligibility for green loans and other forms of sustainable finance.
- Drives internal innovation by encouraging the development of new, **low-carbon products and services**.
- Fosters a sense of purpose and empowers employees to contribute to a shared **sustainability** mission.

Target Audience

- Sustainability and ESG Professionals.
- Environmental, Health, and Safety (EHS) Managers.
- Operations and Facilities Managers.
- Corporate Strategy and Finance Executives.
- Supply Chain and Procurement Managers.
- Consultants.
- Auditors and Verifiers.
- Individuals.

Course Outline

Module 1: The Climate Imperative and Business Context

- Understanding the science of climate change and greenhouse gases (GHGs).
- Global and national climate policies
- The rise of ESG and its impact on corporate strategy.
- The business case for **carbon management**?Çörisks, opportunities, and drivers.
- **Case Study:** The regulatory and investor pressure on a multinational energy company to adopt a **Net Zero roadmap**.

Module 2: Carbon Footprinting and GHG Accounting

- Introduction to the **GHG Protocol** standards.
- Defining organizational boundaries and operational boundaries.
- Detailed breakdown of Scope 1, Scope 2, and the complexities of Scope 3 emissions.
- Data collection, calculation methodologies, and emission factors.
- **Case Study:** Calculating the corporate carbon footprint for a large-scale manufacturing company, including its supply chain emissions.

Module 3: Developing a Decarbonization Strategy

- Setting science-based targets and ambitious **carbon reduction goals**.
- Creating a **decarbonization roadmap** with short-, medium-, and long-term actions.
- Identifying key emissions hotspots and priority areas for intervention.
- Introduction to marginal abatement cost curves (MACC) for strategic planning.
- **Case Study:** A retail company develops a **carbon reduction plan** focused on optimizing logistics and transitioning to renewable energy.

Module 4: Operational Emissions Reduction

- Energy efficiency measures and optimizing building performance.
- Transitioning to **renewable energy** (onsite generation, PPAs, and RECs).
- Sustainable transportation and fleet management.
- Waste management and circular economy principles.

- **Case Study:** A global data center company implements **energy efficiency** upgrades and sources 100% **renewable energy** to meet its **Net Zero target**.

Module 5: Supply Chain Decarbonization (Scope 3)

- The importance and challenges of addressing Scope 3 emissions.
- Supplier engagement strategies and collaboration.
- Implementing sustainable procurement policies.
- Measuring and reporting product carbon footprints (PCFs).
- **Case Study:** A food and beverage company works with its agricultural suppliers to reduce emissions from farming practices.

Module 6: Carbon Offsetting and Insetting

- Understanding the carbon credit market and offsetting projects.
- Criteria for high-quality and credible offsets.
- The role of **carbon insetting** for value chain emissions.
- Developing a portfolio approach to managing residual emissions.
- **Case Study:** An airline offsets its operational emissions by investing in a verified forest restoration project.

Module 7: Carbon Reporting and Disclosure

- The evolving landscape of **ESG reporting** frameworks (TCFD, CSRD, GRI).
- Best practices for transparent and credible carbon disclosures.
- The role of third-party verification and assurance.
- Communicating your **climate action** story to stakeholders.
- **Case Study:** A publicly traded company prepares its annual sustainability report in compliance with new regulatory requirements.

Module 8: Implementing a Carbon Management System

- Building a dedicated **carbon management team** and securing top management buy-in.
- Leveraging **sustainability software** and data platforms.
- Developing an internal carbon price.
- Monitoring progress and continuous improvement.
- **Case Study:** A technology company integrates **carbon management** into its core business strategy using a cross-departmental task force and dedicated software.

Training Methodology

This course employs a dynamic and interactive learning approach, combining:

- Expert-Led Presentations: Delivered by industry leaders and subject matter experts.
- Interactive Workshops.
- Real-World Case Studies
- Group Discussions and Peer Learning.
- Practical Tools and Templates.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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