The Business of Climate Change and Decarbonization Training Course

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The Business of Climate Change and Decarbonization Training Course is a comprehensive program designed to equip corporate leaders, sustainability professionals, and decision-makers with the knowledge and skills necessary to navigate the complex landscape of climate change and to drive their organizations towards a **low-carbon future**. The course explores the strategic imperative of decarbonization, moving beyond the traditional view of environmental compliance to a framework of **risk management**, **innovation**, and **competitive advantage**. It addresses the scientific basis of climate change, the evolving global policy landscape, and the financial implications of a carbon-constrained economy. Participants will learn how to integrate **sustainability** into core business strategies, implement effective decarbonization roadmaps, and leverage emerging technologies and financial instruments to achieve their **net-zero** goals.

This program provides a practical, actionable toolkit for businesses to not only meet their environmental responsibilities but to also unlock new opportunities for growth and resilience. We delve into key topics such as **carbon accounting**, **green supply chains**, and **sustainable finance**, using real-world case studies and best practices from leading companies. The curriculum emphasizes the development of a strong business case for climate action, focusing on **operational efficiency**, **cost savings**, and the creation of **shareholder value**. By the end of the course, participants will be empowered to lead their organizations in a transformative journey toward a more sustainable, profitable, and future-ready business model.

Programme Curriculum

The Business of Climate Change and Decarbonization Training Course

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Course Duration

10 days

Course Objectives

- Master the principles of corporate decarbonization strategies and their alignment with global climate goals.
- Analyze the strategic risks and opportunities presented by climate change in various sectors.
- Develop a robust understanding of Scope 1, 2, and 3 emissions for comprehensive carbon accounting.
- Implement effective climate transition plans and science-based targets (SBTs).
- Evaluate and apply renewable energy solutions and energy efficiency measures.
- Integrate sustainable supply chain management practices to reduce upstream and downstream emissions.
- Explore the role of carbon capture technologies and nature-based solutions.
- Leverage green finance and sustainable investment instruments to fund climate initiatives.
- Apply ESG (Environmental, Social, and Governance) frameworks to enhance corporate reputation and attract investment.
- Utilize climate-related financial disclosures and reporting standards (e.g., TCFD, ISSB).
- Assess and mitigate physical and transitional climate risks.
- Lead organizational change and foster a sustainable corporate culture.
- Identify and capitalize on green economy opportunities and market shifts.

Organizational Benefits

- Achieve significant **operational cost savings** through energy efficiency improvements and reduced resource consumption. Access new sources of capital through green bonds and sustainable financing.
- Proactively manage and reduce exposure to climate-related risks, including physical damages, regulatory penalties (e.g., carbon taxes), and supply chain disruptions.
- Gain a competitive edge by anticipating market changes, attracting climate-conscious customers, and innovating new low-carbon products and services.

- Strengthen brand image and stakeholder trust by demonstrating a clear commitment to sustainability and responsible corporate citizenship. This also helps in avoiding **greenwashing** accusations.
- Attract and retain top talent who prioritize working for environmentally responsible organizations, fostering a more engaged and motivated workforce.
- Build long-term business resilience and adaptability in a rapidly changing global economy by transitioning to a low-carbon, resource-efficient model.

Target Audience

1. C-Suite Executives and Senior Leaders.
2. Sustainability and ESG Professionals.
3. Finance and Investment Professionals.
4. Operations and Supply Chain Managers.
5. Risk Management and Compliance Officers.
6. Corporate Strategy and Business Development Managers
7. Engineers and Technical Specialists.
8. Government and Public Sector Officials.

Course Outline

Module 1: The Business Imperative of Climate Action

- Understanding the **scientific consensus** on climate change and its economic impacts.
- Exploring the **macro-economic shifts** towards a low-carbon economy.
- Defining the business case: from **compliance to competitive advantage**.
- Overview of the **UN Paris Agreement** and global climate policy frameworks.
- **Case Study**: The business transformation of a global manufacturing company transitioning to renewable energy.

Module 2: Fundamentals of Carbon Accounting

- Introduction to **carbon footprints** and greenhouse gas (GHG) protocols.
- Calculating and reporting **Scope 1, 2, and 3 emissions**.
- Understanding the role of **carbon offsets** and carbon credits.
- Utilizing carbon management software and tools.
- **Case Study**: A retail company's journey in measuring and reporting its supply chain (Scope 3) emissions.

Module 3: Developing a Decarbonization Roadmap

- Setting ambitious yet achievable **net-zero** and **science-based targets**.
- Creating a **decarbonization roadmap** with short, medium, and long-term goals.
- Prioritizing high-impact decarbonization levers.
- Developing an internal carbon price mechanism.
- **Case Study**: A technology giant's public commitment and plan to become carbon neutral by 2030.

Module 4: The Energy Transition and Renewable Solutions

- Exploring the shift from fossil fuels to **renewable energy sources**.
- Strategies for procuring **clean energy** (e.g., Power Purchase Agreements).
- Implementing on-site renewable energy projects.
- Improving **energy efficiency** in buildings and operations.

- **Case Study**: A multinational corporation's successful implementation of a global renewable energy procurement strategy.

Module 5: Sustainable Supply Chain Management

- Mapping and assessing **supply chain emissions (Scope 3)**.
- Engaging suppliers to reduce their own carbon footprints.
- Implementing **circular economy** principles to minimize waste and emissions.
- Optimizing logistics and transportation for lower carbon intensity.
- **Case Study**: How a major food and beverage company collaborated with its agricultural suppliers to reduce emissions from farming.

Module 6: Climate Risk Management

- Differentiating between **physical risks** (e.g., extreme weather) and **transition risks** (e.g., policy changes).
- Applying the **TCFD (Task Force on Climate-related Financial Disclosures)** framework.
- Integrating climate risk into enterprise-wide risk management.
- Using scenario analysis to assess future climate impacts.
- **Case Study**: A financial institution's use of TCFD to identify and disclose climate-related financial risks in its investment portfolio.

Module 7: Green and Sustainable Finance

- Understanding the landscape of **green finance** and its instruments.
- Issuing and investing in **green bonds** and sustainability-linked loans.
- The role of financial institutions in driving the low-carbon transition.
- Accessing government funding and incentives for green projects.
- **Case Study**: A renewable energy company's successful issuance of a green bond to fund a new wind farm.

Module 8: Technology and Innovation in Decarbonization

- Exploring emerging **low-carbon technologies** like carbon capture and storage (CCS).
- The role of **green hydrogen** in hard-to-abate sectors.
- Utilizing **AI and data analytics** for emissions tracking and optimization.
- Innovating new products and services for a sustainable market.
- **Case Study**: A heavy industry company's pilot project for direct air carbon capture technology.

Module 9: ESG and Corporate Governance

- Defining and implementing an effective **ESG strategy**.
- Integrating sustainability into **corporate governance** and board oversight.
- Navigating the evolving landscape of ESG ratings and disclosures.
- Communicating sustainability performance to stakeholders.
- **Case Study**: A consumer goods company's successful use of ESG metrics to improve its brand reputation and investor confidence.

Module 10: Policy and Regulation

- Reviewing key global and regional **climate policies** and regulations.
- Understanding the impact of **carbon pricing** mechanisms and taxes.

- Anticipating future regulatory changes and their business implications.
- Engaging with policymakers and industry groups.
- **Case Study**: How a European energy company adapted to the EU's Emissions Trading System (ETS).

Module 11: Decarbonizing Specific Sectors

- Tailored strategies for **hard-to-abate sectors** like manufacturing and cement.
- Decarbonization pathways for the **transportation and logistics** industry.
- Strategies for the **real estate and building** sector.
- Opportunities in the **agriculture and food** industry.
- **Case Study**: A global shipping company's investment in alternative fuels to reduce its fleet's emissions.

Module 12: Employee Engagement and Cultural Change

- Fostering a **sustainable corporate culture** from the top down.
- Training and empowering employees to be **climate champions**.
- Creating internal sustainability teams and initiatives.
- Communicating climate goals and progress internally.
- **Case Study**: A tech company's employee-led initiatives that resulted in significant operational emissions reductions.

Module 13: Decarbonization in Practice: An Action Plan

- Creating a customized **climate action plan** for your organization.
- Identifying key stakeholders and building cross-functional teams.
- Developing a budget and securing internal buy-in.
- Monitoring progress and reporting on key performance indicators (KPIs).
- **Case Study**: A small business's step-by-step approach to creating and implementing its first decarbonization plan.

Module 14: Communication and Reporting

- Developing a compelling **sustainability narrative** for external audiences.
- Effective communication of climate commitments to investors and customers.
- Avoiding **greenwashing** and ensuring transparency.
- Utilizing digital platforms for climate reporting.
- **Case Study**: An outdoor apparel company's transparent climate report that built trust with its customer base.

Module 15: Future Trends and Emerging Topics

- The rise of **AI in sustainability** and data-driven solutions.
- The growing focus on **biodiversity** and natural capital.
- The role of **carbon removal technologies** in achieving net zero.
- The connection between **social equity** and the just transition.
- **Case Study**: A multinational corporation's long-term strategy that integrates a focus on both decarbonization and social impact.

Training Methodology

This course uses a blended, highly interactive training methodology to ensure practical knowledge application and skill development. It combines:

- Expert-Led Lectures.
- Interactive Workshops.
- Real-World Case Studies.
- Peer-to-Peer Learning.
- Action Planning.
- Q&A and Feedback Sessions.

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

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