Corporate Sustainability and Carbon Footprint Reduction Training Course



26 - 30 Oct 2026

Tokyo

5800 € (Per Person)

Ref: #HSE6403_107707

Course Introduction / Overview:

This course provides a comprehensive framework for understanding and implementing effective corporate sustainability and carbon footprint reduction strategies. In an era of increasing climate risk and stakeholder demand for transparency, mastering Environmental, Social, and Governance (ESG) principles is no longer optional but a core business imperative. This program moves beyond theoretical concepts to deliver practical, actionable knowledge for measuring, managing, and mitigating an organization's environmental impact. Drawing on foundational concepts from thought leaders like John Elkington, who introduced the "Triple Bottom Line" framework, participants will learn to integrate sustainability into their core operations. The curriculum covers everything from calculating Scope 1, 2, and 3 emissions according to the GHG Protocol to developing robust decarbonization pathways. BIG BEN Training Center has designed this course to empower professionals to lead their organizations towards a sustainable, low-carbon future, enhancing brand reputation, ensuring regulatory compliance, and unlocking new opportunities for innovation and growth in the circular economy.

Target Audience / This training course is suitable for:

- Sustainability Managers and Officers.
- Environmental, Health, and Safety (EHS) Professionals.
- Corporate Social Responsibility (CSR) Managers.
- Operations and Facility Managers.
- Supply Chain and Procurement Specialists.
- Finance and Investment Analysts.
- Risk Management and Compliance Officers.
- Product Development and Innovation Leaders.
- Senior Executives and Board Members.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Energy, Oil, and Gas.
- Construction and Real Estate.
- Transportation and Logistics.
- Retail and Consumer Goods.
- Financial Services and Banking.
- Information Technology and Telecommunications.
- Governmental bodies and public sector agencies.
- Healthcare and Pharmaceuticals.

Target Organizations Departments:

- Sustainability and Corporate Responsibility Departments.
- Operations and Production Departments.
- Finance and Accounting Departments.
- Procurement and Supply Chain Management.
- Legal and Compliance Departments.
- Strategy and Corporate Planning.
- Human Resources and Internal Communications.
- Investor Relations Departments.
- Research and Development.

Course Offerings:

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

- Master the fundamentals of corporate sustainability and ESG frameworks.
- Accurately calculate a corporate carbon footprint, including Scope 1, 2, and 3 emissions.
- Develop a strategic plan for carbon footprint reduction and decarbonization.
- Identify and implement energy efficiency and renewable energy initiatives.
- Analyze and improve supply chain sustainability and sustainable procurement practices.
- Understand key sustainability reporting standards such as GRI, SASB, and TCFD.
- Effectively communicate sustainability performance to stakeholders and investors.
- Integrate circular economy principles into business operations.
- Lead the development of a corporate climate action plan aligned with net-zero goals.
- Evaluate climate-related risks and opportunities for the organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, practical, and engaging, ensuring that participants can immediately apply their learning in a real-world context. We move beyond traditional lectures to a blended learning approach that combines expert-led instruction with hands-on activities. The course heavily features case studies of leading global companies that have successfully implemented carbon reduction initiatives, allowing for a deep dive into their strategies, challenges, and outcomes. Participants will work in collaborative groups on practical exercises, such as conducting a mock GHG emissions inventory and developing a preliminary decarbonization roadmap for a sample company. Interactive workshops, facilitated discussions, and peer-to-peer feedback sessions are integral to the learning process, fostering a dynamic environment where complex concepts are made clear. Our expert facilitators provide continuous guidance, ensuring that every participant builds the confidence and competence needed to drive meaningful environmental change within their organization.

Course Agenda (Course Units):

Unit One: Foundations of Corporate Sustainability and Climate Action

- Introduction to Corporate Sustainability and the Triple Bottom Line.
- Understanding ESG (Environmental, Social, and Governance) Criteria.
- The Business Case for Sustainability and Carbon Reduction.
- Overview of Global Frameworks: SDGs, Paris Agreement, and Net-Zero Pledges.
- Key Concepts: Carbon Neutrality vs. Net-Zero.
- Identifying Climate-Related Risks and Opportunities for Business.
- The Role of Corporate Social Responsibility (CSR) in Environmental Strategy.

Unit Two: Measuring and Analyzing the Corporate Carbon Footprint

- Introduction to Greenhouse Gas (GHG) Accounting.
- Understanding the GHG Protocol Corporate Standard.
- Defining and Calculating Scope 1 Direct Emissions.
- Defining and Calculating Scope 2 Indirect Emissions from Purchased Energy.
- Tackling the Complexity of Scope 3 Value Chain Emissions.
- Data Collection Methodologies and Best Practices.
- Introduction to Life Cycle Assessment (LCA) Principles.

Unit Three: Developing Effective Carbon Reduction Strategies

- Setting Science-Based Targets and Reduction Goals.
- Implementing Energy Efficiency and Conservation Measures.
- Evaluating and Integrating Renewable Energy Solutions.
- Optimizing Logistics for a Greener Supply Chain.
- Strategies for Waste Reduction and Implementing Circular Economy Models.
- Sustainable Procurement and Supplier Engagement Programs.
- Exploring Carbon Offsetting and In setting Projects.

Unit Four: Sustainability Reporting, Disclosure, and Stakeholder Engagement

- The Landscape of Sustainability Reporting Frameworks (GRI, SASB).
- Understanding the Task Force on Climate-related Financial Disclosures (TCFD).
- Crafting a Compelling and Transparent Sustainability Report.
- Communicating Sustainability Performance to Investors and Lenders.
- Engaging Employees to Build a Culture of Sustainability.
- Managing Brand Reputation and Public Communications.
- Navigating the Evolving Regulatory Environment for Environmental Disclosure.

Unit Five: Integrating Advanced Sustainability and Achieving Net-Zero

- Developing a Long-Term Net-Zero Transition Plan.
- The Role of Innovation and Green Technology in Decarbonization.
- Introduction to Sustainable Finance and Green Investments.
- Integrating Sustainability Metrics into Corporate Performance and Executive Compensation.
- Building a Resilient and Sustainable Business Model.
- Future Trends in Corporate Sustainability and Climate Action.
- Final Project: Developing a Strategic Sustainability Action Plan.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Beyond compliance and reporting, how can a deep commitment to carbon reduction fundamentally reshape a company's core business model and competitive advantage in the next decade?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by focusing on the strategic integration of sustainability into the core of business operations, rather than treating it as a peripheral compliance function. While many programs cover the "what" of carbon accounting, our curriculum emphasizes the "how" and "why" of strategic implementation. We provide a holistic journey from foundational measurement based on the GHG Protocol to the advanced development of a net-zero roadmap. The content is designed to be intensely practical, using real-world case studies and interactive workshops that challenge participants to solve complex problems related to supply chain decarbonization, circular economy adoption, and stakeholder communication. Unlike courses that may focus narrowly on reporting standards, this program equips leaders with the integrated knowledge to link environmental performance directly to financial outcomes, risk management, and long-term value creation. It is built for strategic thinkers who want to lead change, not just report on it, fostering a deep understanding of how to build a resilient and competitive organization in a low-carbon economy.