Building Strategic Capacity for Climate Change Mitigation and Adaptation Training Course

07 - 11 Dec 2026

Tokyo

5800 € (Per Person)

Ref: #SUS5960_2625

Course Introduction / Overview:

This training course is designed to provide professionals with the strategic and practical skills needed to address the challenges of climate change. As the global economy undergoes a fundamental transformation, organizations must develop strategies for both mitigating their carbon footprint and adapting to the physical and transitional risks of a changing climate. This program, offered by BIG BEN Training Center, provides a framework for understanding climate science, policy, and technology. We will explore how to integrate climate risk into business strategy, leverage green technologies, and prepare for future regulatory changes. The curriculum is informed by the academic work of authors like Lord Nicholas Stern, whose Stern Review on the Economics of Climate Change provides a foundational understanding of the economic impacts of climate change and the financial case for urgent action. This course goes beyond a simple overview to prepare participants to be proactive leaders who can drive innovation and build resilient organizations in a low-carbon future. The course will empower you to make informed decisions that benefit your business and the planet.

Target Audience / This training course is suitable for:

- Sustainability and CSR managers.
- Strategic planners and business developers.
- Risk management professionals.
- Engineers and operations managers.
- Public policy and government relations specialists.
- investors and financial analysts.
- Environmental consultants.
- Government agencies and equivalents.

Target Sectors and Industries:

- Energy and utilities.
- Manufacturing.
- Financial services.
- Agriculture and food production.
- Real estate and construction.
- Transportation and logistics.
- Government and public administration agencies.
- Consulting.

Target Organizations Departments:

- Sustainability.
- Strategic planning.
- Risk management.
- Operations.
- Corporate social responsibility (CSR).
- Research and development.
- Finance.
- Compliance and legal.

Course Offerings:

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

- Assess and manage climate-related risks.
- Develop and implement a greenhouse gas (GHG) reduction strategy.
- Understand and apply carbon accounting standards.
- Integrate climate adaptation measures into business operations.
- Navigate climate policy and international agreements.
- Leverage technology for climate solutions.
- Communicate climate action to stakeholders.
- Build a resilient and low-carbon business model.

Course Methodology:

This training course uses a project-based and case-study driven methodology. The program is built on real-world examples of organizations that have successfully implemented climate mitigation and adaptation strategies. Participants will work in teams to develop a climate action plan for a specific company, applying the tools and frameworks learned in the course. We will use interactive workshops to practice skills like carbon foot printing and climate risk assessment. The curriculum is designed to be a collaborative experience where participants can share their unique challenges and innovative solutions. Our trainers, with extensive experience in the field, will provide direct feedback and guidance throughout the course. BIG BEN Training Center is committed to providing a dynamic and practical learning environment, ensuring that participants leave with the skills and confidence to lead effective climate initiatives.

Course Agenda (Course Units):

Unit One: Foundations of Climate Change

- Understanding climate science and its impacts.
- The difference between mitigation and adaptation.
- The economic case for climate action.
- International agreements and national policies.
- Corporate greenhouse gas (GHG) emissions.
- The role of technology and innovation.
- Case studies of climate-related business risks.

Unit Two: Climate Change Mitigation

- Measuring and reporting on GHG emissions.
- Developing a carbon reduction strategy.
- Renewable energy and energy efficiency.
- Supply chain decarbonization.
- Carbon offsetting and carbon markets.
- Setting science-based targets.
- Implementing a carbon management program.

Unit Three: Climate Change Adaptation

- Identifying and assessing climate-related risks.
- Physical risks: extreme weather, sea-level rise.
- Transition risks: policy, market, and technology changes.
- Developing a climate resilience plan.
- Integrating climate risk into strategic planning.
- The role of insurance and financial risk management.
- Building resilient infrastructure.

Unit Four: Policy, Governance, and Technology

- Climate policy and regulation.
- Corporate governance for climate risk.
- The role of carbon pricing.
- Climate-related financial disclosures.
- Leveraging smart technology and AI for climate solutions.
- The role of research and development.
- Collaborative initiatives and partnerships.

Unit Five: Strategic Planning and Leadership

- Integrating climate action into business strategy.
- Communicating climate performance to stakeholders.
- Building a low-carbon business model.
- The link between climate action and competitive advantage.
- Leadership in a changing climate.
- Career pathways in climate risk management.
- Building a resilient and purpose-driven organization.

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:

How can businesses move beyond simply complying with climate regulations and instead leverage climate action as a source of innovation, long-term value, and competitive advantage?

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

This training course is unique because it provides a dedicated, strategic focus on both climate mitigation and adaptation from a business perspective. While many programs cover climate change in general, our curriculum is designed to empower professionals with the specific skills needed to manage climate-related risks and seize opportunities. The program is a hands-on experience, with exercises that directly simulate the challenges and decisions involved in a carbon footprint assessment or the development of an adaptation plan. We go beyond theoretical concepts to provide a clear, actionable roadmap for building a resilient business in a climate-constrained world. This course is for professionals who want to lead their organizations toward a more secure and sustainable future.