

# Training Course on Climate Risk Management and Adaptation for Businesses

Professional Development Training Course Outline

|          |                    |               |                         |
|----------|--------------------|---------------|-------------------------|
| Category | CEOs and Directors | Duration      | 10 Days                 |
| Base Fee | \$3,000 USD        | Delivery Mode | Online / On-site Hybrid |

## Course Introduction

In an era defined by accelerating climate change, **proactive climate risk management** and strategic **adaptation planning** have become imperative for business continuity and long-term prosperity. Training Course on Climate Risk Management and Adaptation for Businesses empowers organizations to navigate the complex landscape of climate-related challenges, transforming potential threats into opportunities for innovation and sustainable growth. We delve into identifying, assessing, and mitigating **physical and transition risks**, equipping participants with actionable frameworks to build **climate-resilient operations** and enhance **corporate sustainability**.

Businesses worldwide are increasingly exposed to the multifaceted impacts of a changing climate, from extreme weather events disrupting **supply chains** to evolving **regulatory landscapes** and shifting **consumer demands**. This program provides the essential knowledge and practical tools to integrate **climate considerations** into core business strategy, foster **organizational resilience**, and unlock new avenues for **green innovation** and competitive advantage in the burgeoning **low-carbon economy**.

## Programme Curriculum

### Training Course on Climate Risk Management and Adaptation for Businesses

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### Course Duration

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### Course Objectives

1. Develop robust **climate resilience strategies** aligned with organizational goals and future-proof business operations.
2. Accurately identify and quantify **physical climate risks** (e.g., floods, heatwaves, droughts) and **transition risks** (e.g., policy changes, carbon pricing).
3. Understand and apply the **Task Force on Climate-related Financial Disclosures (TCFD)** framework for robust climate reporting.
4. Utilize **scenario planning** techniques to evaluate potential business impacts under various climate futures (e.g., 1.5°C, 2°C pathways).
5. Seamlessly incorporate **Environmental, Social, and Governance (ESG)** principles into enterprise risk management (ERM) frameworks.
6. Build and manage **climate-resilient supply chains** to minimize disruptions and ensure operational continuity.
7. Identify and access **green finance, climate investment opportunities**, and innovative financing mechanisms for adaptation projects.
8. Learn to implement **nature-based solutions (NBS)** for climate adaptation, enhancing biodiversity and ecosystem services.
9. Stay abreast of evolving **climate regulations, carbon markets**, and international climate agreements (e.g., Paris Agreement).
10. Strengthen **board-level climate oversight** and integrate climate considerations into corporate governance structures.
11. Understand strategies for **decarbonization, emissions reduction**, and achieving net-zero targets.
12. Develop compelling **climate communication strategies** for internal and external stakeholders, including investors and customers.
13. Promote **green technology adoption** and cultivate a culture of **climate innovation** within the organization.

### Organizational Benefits

- Reduced operational disruptions and financial losses from climate impacts, ensuring **business continuity** and stability.
- Better **risk-adjusted returns**, access to **sustainable finance**, and reduced insurance costs.
- Enhanced **corporate reputation** and brand image as a responsible and forward-thinking entity, attracting ethical consumers and investors.
- Proactive adaptation and innovation lead to a distinct **competitive edge** in evolving markets.
- Meeting growing investor demands for **climate disclosure** and ESG integration, attracting capital.

- Adherence to emerging climate regulations, minimizing legal and financial risks.
- Appealing to a workforce increasingly seeking purpose-driven organizations with strong **sustainability commitments**.
- Identification of new products, services, and market segments in the **green economy**.
- Improved management of natural resources, leading to cost savings and reduced environmental footprint.
- Minimized vulnerabilities across the **value chain**, ensuring stable operations and stronger supplier relationships.

## Target Audience

1. Business Leaders & Executives
2. Risk Management Professionals
3. Sustainability & ESG Managers
4. Financial Professionals
5. Operations & Supply Chain Managers
6. Compliance & Legal Officers
7. Project Managers & Developers
8. Consultants & Advisors

## Course Outline

### Module 1: Foundations of Climate Risk and Business Impact

- Understanding the Science of Climate Change: Global warming, extreme weather patterns, and their projected impacts.
- Defining Climate Risks for Business: Physical risks (acute and chronic) vs. Transition risks (policy, technology, market, reputation).
- The Business Case for Climate Action: Why climate risk management is a strategic imperative, not just an environmental issue.
- Interconnectivity of Climate Risk with Enterprise Risk Management (ERM).
- **Case Study:** The impact of **Hurricane Katrina** on energy infrastructure and supply chains, highlighting critical physical risk vulnerabilities.

### Module 2: Global Climate Governance & Regulatory Landscape

- Key International Agreements: Paris Agreement, UNFCCC, and their implications for businesses.
- Emerging Regulatory Frameworks: EU Taxonomy, CSRD, and national climate legislation.
- The Role of Carbon Pricing & Emissions Trading Schemes.
- Understanding Climate-Related Financial Disclosures (TCFD, ISSB).
- **Case Study:** How **Shell** is adapting its business model and reporting to comply with evolving global **carbon regulations** and investor pressure.

### Module 3: Climate Risk Assessment Methodologies

- Identifying and Mapping Climate Hazards and Vulnerabilities.
- Quantitative vs. Qualitative Risk Assessment Techniques.
- Data Sources and Tools for Climate Risk Assessment (e.g., climate models, geospatial data).
- Developing a Climate Risk Register and Prioritization Matrix.
- **Case Study:** **Microsoft's** approach to assessing and reporting its **physical climate risks** across its global data center portfolio, using detailed geographic and climate data.

## Module 4: Climate Scenario Analysis for Strategic Planning

- Introduction to Scenario Planning: Why it's crucial for climate risk.
- Developing and Applying Climate Scenarios (e.g., IPCC RCPs, NGFS scenarios).
- Integrating Scenario Analysis into Business Strategy and Capital Allocation.
- Stress Testing Business Models under Different Climate Futures.
- **Case Study: BlackRock's** use of **climate scenario analysis** to inform its investment decisions and portfolio management, emphasizing future-proofing.

## Module 5: Financial Implications of Climate Change

- Impact of Climate Risks on Asset Valuation, Insurance, and Lending.
- Understanding Stranded Assets and Carbon Bubble Risks.
- Cost-Benefit Analysis of Climate Adaptation and Mitigation Investments.
- Accessing Climate Finance and Green Bonds for Projects.
- **Case Study: The financial implications of droughts on agricultural companies** in Australia, and how some are seeking innovative insurance and financial instruments.

## Module 6: Building Climate-Resilient Supply Chains

- Mapping Supply Chain Vulnerabilities to Climate Shocks.
- Strategies for Diversification, Localization, and Redundancy.
- Engaging Suppliers in Climate Risk Management and Adaptation.
- Leveraging Technology for Supply Chain Monitoring and Early Warning.
- **Case Study: Adidas's** efforts to enhance **supply chain resilience** in response to climate change impacts on cotton production and manufacturing in vulnerable regions.

## Module 7: Operational Adaptation and Infrastructure Resilience

- Implementing Operational Changes for Climate Adaptation (e.g., water management, energy efficiency).
- Designing and Retrofitting Climate-Resilient Infrastructure.
- Utilizing Nature-Based Solutions (NBS) for Ecosystem Resilience.
- Business Continuity Planning in a Climate-Disrupted World.
- **Case Study: Singapore's** multi-pronged approach to **coastal protection** and **urban flood management** using both engineered and nature-based solutions.

## Module 8: Decarbonization Strategies and Net-Zero Pathways

- Understanding Scope 1, 2, and 3 Emissions.
- Setting Science-Based Targets (SBTi) for Emissions Reduction.
- Transitioning to Renewable Energy and Energy Efficiency Measures.
- The Role of Carbon Capture, Utilization, and Storage (CCUS).
- **Case Study: Maersk's** ambitious **decarbonization strategy** for its shipping fleet, investing in alternative fuels and operational efficiencies to achieve net-zero.

## Module 9: Climate Governance and Leadership

- Integrating Climate Risk into Board Oversight and Executive Remuneration.
- Developing Internal Climate Change Policies and Structures.
- Fostering a Culture of Climate Awareness and Responsibility.
- Stakeholder Engagement and Building Internal Capacity.

- **Case Study: Unilever's** robust **climate governance framework**, demonstrating how climate considerations are embedded at the highest levels of leadership and decision-making.

## **Module 10: Innovation for a Green Economy**

- Identifying Opportunities in the Low-Carbon and Circular Economy.
- Investing in Green Technologies and Sustainable Business Models.
- Developing Climate-Smart Products and Services.
- Fostering Intrapreneurship and External Partnerships for Innovation.
- **Case Study: Tesla's** role in accelerating the shift to **electric vehicles** and **renewable energy solutions**, showcasing market disruption through green innovation.

## **Module 11: Climate Communication and Stakeholder Engagement**

- Crafting Transparent and Effective Climate Disclosures.
- Communicating Climate Risks and Opportunities to Investors and Regulators.
- Engaging Employees, Customers, and Communities on Climate Action.
- Managing Climate-Related Reputational Risks.
- **Case Study: Patagonia's** authentic and impactful **climate communication strategy**, leveraging its brand to advocate for environmental action and engage customers.

## **Module 12: Measuring and Monitoring Climate Performance**

- Key Performance Indicators (KPIs) for Climate Risk Management.
- Tools and Frameworks for Tracking Progress (e.g., CDP, GRI).
- Internal Auditing and Assurance of Climate Data.
- Continuous Improvement and Adaptive Management in Climate Action.
- **Case Study: Schneider Electric's** comprehensive **ESG reporting** and climate performance monitoring, demonstrating leadership in transparent disclosure.

## **Module 13: Sector-Specific Climate Risk Management**

- Tailoring Strategies for High-Impact Sectors: Agriculture, Finance, Real Estate, Manufacturing, and Tourism.
- Unique Challenges and Opportunities within Different Industries.
- Regulatory Nuances and Best Practices by Sector.
- Developing Industry-Specific Adaptation Roadmaps.
- **Case Study: The Dutch flower industry's** collaborative efforts to adapt to changing climate conditions, including greenhouse technology and water management, to maintain export competitiveness.

## **Module 14: Integrating Climate Risk into Investment Decisions**

- ESG Investing and Sustainable Finance Principles.
- Climate Due Diligence for Mergers & Acquisitions and Project Financing.
- Greenwashing Identification and Prevention.
- Aligning Investment Portfolios with Climate Goals.
- **Case Study: How the Norwegian Sovereign Wealth Fund** integrates **climate risk assessments** into its investment mandates and divestment decisions from high-carbon industries.

## **Module 15: Future Trends in Climate Risk and Adaptation**

- Emerging Climate Technologies and Solutions (e.g., geoengineering, advanced climate modeling).
- The Role of Artificial Intelligence and Big Data in Climate Resilience.
- Anticipating Future Regulatory Shifts and Market Dynamics.
- Building a Proactive and Future-Ready Organization.
- **Case Study:** The rapid development and deployment of **early warning systems** for extreme weather events, demonstrating the potential of technology in future climate adaptation.

## Training Methodology

Our training methodology is highly interactive and experiential, designed to foster deep learning and immediate application. It includes:

- **Interactive Workshops:** Facilitated discussions, group activities, and role-playing scenarios.
- **Experiential Learning:** Hands-on exercises and practical application of coaching skills.
- **Peer Coaching Sessions:** Opportunities for participants to coach and be coached by their peers.
- **Case Study Analysis:** In-depth examination of real-world organizational coaching successes and challenges.
- **Expert Facilitation:** Guided by seasoned executive coaches and organizational development specialists.
- **Action Planning:** Individual and group exercises to develop personalized implementation strategies.
- **Pre- and Post-Course Assessments:** Measuring learning transfer and impact.
- **Digital Resource Hub:** Access to tools, templates, and further reading for continuous development.

**Register as a group from 3 participants for a Discount**

Send us an email: [info@fineskilltrainingcenter.org](mailto: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.

# Upcoming Scheduled Sessions

| Start Date  | End Date    | Location | Price   |
|-------------|-------------|----------|---------|
| 21 Sep 2026 | 02 Oct 2026 | Online   | \$2,000 |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$3,000 |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |
| 21 Sep 2026 | 02 Oct 2026 | Physical | \$0     |

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