Strategic Foresight for Climate Adaptation 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

Strategic Foresight for Climate Adaptation Training Course provides a comprehensive, one-page introduction to strategic foresight as an essential tool for navigating the complexities of climate adaptation. In an era defined by **climate change uncertainty** and **environmental disruption**, traditional planning methods are no longer sufficient. This program is designed to equip leaders and professionals with the skills to proactively anticipate, analyze, and respond to future climate-related challenges, fostering **organizational resilience** and **long-term sustainability**. Participants will learn to move beyond linear projections, leveraging advanced foresight methodologies to develop robust, adaptable strategies that transform climate risks into opportunities for innovation and growth.

The training will focus on developing a **futures-oriented mindset**, moving from reactive to **proactive climate action**. Through a blend of theoretical frameworks and practical, hands-on exercises, participants will master critical techniques such as **horizon scanning**, **scenario planning**, and **backcasting**. The curriculum emphasizes building the capacity to identify and interpret "weak signals" of change, create plausible future scenarios, and stress-test current plans against a range of possible futures. This systematic approach ensures that decision-making is **evidence-based** and **future-proof**, enabling organizations to build a more resilient and sustainable future in the face of accelerating environmental and societal shifts.

Programme Curriculum

Strategic Foresight for Climate Adaptation Training Course

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Course Duration

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Course Objectives

1. Understand and apply the foundational principles of strategic foresight and futures thinking.
2. Master advanced techniques for horizon scanning to identify emerging climate risks and opportunities.
3. Analyze interconnected global megatrends (e.g., climate migration, food security, energy transition) and their impact on local contexts.
4. Develop and utilize climate scenario planning to explore multiple plausible futures.
5. Conduct cross-impact analysis to understand the interdependencies of climate-related drivers of change.
6. Integrate foresight insights into strategic decision-making and long-term planning.
7. Identify and assess an organization's vulnerability and climate resilience.
8. Formulate transformative adaptation strategies that go beyond incremental change.
9. Apply backcasting methodology to create actionable pathways toward a desired, climate-resilient future.
10. Build a business case for investing in climate adaptation and resilience initiatives.
11. Enhance communication skills for engaging diverse stakeholders in climate conversations and co-creating shared visions.
12. Evaluate and select appropriate climate technology and nature-based solutions.
13. Create a framework for anticipatory governance to embed foresight into institutional structures and policies.

Organizational Benefits

- Proactively mitigate climate-related physical and transition risks to supply chains, infrastructure, and operations.
- Develop the capacity to adapt quickly and effectively to unforeseen climate shocks and disruptions.
- Identify and capitalize on new markets, green technologies, and climate-resilient business models.
- Move beyond short-term planning with an evidence-based, data-driven approach to long-term strategy.
- Foster a culture of innovation by exploring new opportunities and challenging existing assumptions about the future.

- Position the organization as a leader in **sustainable development** and responsible climate action, attracting talent and investors.
- Build stronger relationships with stakeholders by demonstrating a proactive and responsible approach to managing future climate risks.

Target Audience

1. Corporate Leaders & Executives.
2. Sustainability & ESG Professionals.
3. Public Sector Officials.
4. Risk & Resilience Managers.
5. Supply Chain Managers.
6. Non-profit & NGO Leaders.
7. Engineers & Urban Planners.
8. Financial Sector Professionals.

Course Outline

Module 1: The Foundation of Strategic Foresight

- Introduction to Futures Thinking: Differentiating between prediction and foresight.
- Key Concepts: Drivers of Change, Megatrends, and Weak Signals.
- Climate Change as a System.
- Foresight Tools: Overview of essential methodologies.
- **Case Study:** The impact of rising sea levels on coastal infrastructure and the need for anticipatory governance in a major port city.

Module 2: Horizon Scanning & Trend Analysis

- Systematic Scanning: Methods for collecting and analyzing data on emerging trends.
- Categorizing Trends: PESTLE-C framework
- Signal Detection: Identifying early indicators of significant change.
- Technology & Data: Using AI and big data for real-time trend monitoring.
- **Case Study:** A global food corporation uses horizon scanning to anticipate shifts in consumer demand and agricultural productivity due to water scarcity.

Module 3: Climate Scenario Planning

- Creating Plausible Futures.
- Critical Uncertainties.
- Narrative Development: Crafting compelling stories for each scenario.
- Stress-Testing: Evaluating existing plans against the created scenarios.
- **Case Study:** A national government develops three scenarios?Çö"Accelerated Disruption," "Managed Transition," and "Global Cooperation"?Çöto inform its long-term energy policy.

Module 4: Backcasting & Transformative Pathways

- Visioning a Desired Future.
- Working Backward.
- Developing Actionable Roadmaps
- Identifying Barriers and Enablers.

- **Case Study:** A city uses backcasting to plan for becoming a net-zero, circular economy by 2050, identifying required policy changes and infrastructure investments.

Module 5: Integrating Foresight into Strategic Planning

- From Insight to Action.
- Decision-Making Frameworks.
- Resource Allocation.
- Monitoring & Evaluation
- **Case Study:** A multinational company integrates climate scenarios into its capital expenditure decisions, prioritizing investments in climate-resilient infrastructure.

Module 6: Stakeholder Engagement & Communication

- Collaborative Foresight: Involving diverse stakeholders in the foresight process.
- Building a Shared Vision.
- Communicating Uncertainty.
- Building Consensus: Using foresight to bridge divides and foster collective action.
- **Case Study:** An NGO facilitates a multi-stakeholder workshop to create a shared vision for climate-resilient agriculture in a drought-prone region.

Module 7: Climate Technology & Innovation Foresight

- Scanning for Breakthroughs.
- Technological Roadmapping.
- Ethics and Governance.
- Nature-Based Solutions.
- **Case Study:** An innovation hub uses technology foresight to identify and invest in startups developing climate-smart agricultural technology.

Module 8: Building a Culture of Foresight

- Leadership Role.
- Organizational Structures.
- Talent Development: Training and empowering employees with foresight skills.
- Foresight as a Continuous Process: Maintaining an ongoing commitment to exploring the future.
- **Case Study:** A Fortune 500 company establishes a dedicated foresight team to embed a long-term perspective into every business unit, fostering a culture of resilience.

Training Methodology

This is an intensive, highly interactive course that combines theoretical learning with practical application. The methodology includes:

- Expert-Led Lectures.
- Interactive Workshops: Hands-on exercises using real-world case studies and tools.
- Group Discussions: Facilitated peer learning and knowledge sharing.
- Collaborative Projects.
- Case Study Analysis.
- Digital Tools.

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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