Training Course on Financial Literacy and Climate Risk Assessment for the Financial Sector

Professional Development Training Course Outline

Category	Banking Institute	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s rapidly changing global economy, the integration of financial literacy and climate risk assessment has become crucial for sustainable development within the financial sector. Training Course on Financial Literacy and Climate Risk Assessment for the Financial Sector is meticulously designed to empower finance professionals with actionable insights and tools needed to navigate the complexities of sustainable finance, climate-related risks, ESG (Environmental, Social, and Governance) strategies, and green investing. With global regulators and investors emphasizing climate transparency and financial accountability, understanding the nexus between climate change and financial systems is no longer optional—it's essential.

This course equips participants with industry-specific knowledge to identify, measure, and mitigate financial risks posed by climate change. Through interactive sessions, real-world case studies, and advanced financial modeling, learners will develop an in-depth understanding of green finance, climate-related disclosures, risk management, and sustainability reporting frameworks. Financial institutions must act now to remain compliant, competitive, and climate-resilient.

Programme Curriculum

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Course Objectives

1. Understand core principles of climate finance and green investing.
2. Analyze the impact of climate change on financial systems and investments.
3. Apply financial literacy skills to assess environmental risk factors.
4. Learn ESG integration into traditional risk management frameworks.
5. Identify physical and transitional climate risks in asset portfolios.
6. Conduct scenario analysis and stress testing for climate vulnerabilities.
7. Master TCFD (Task Force on Climate-related Financial Disclosures) reporting.
8. Explore the role of regulatory compliance in sustainable finance.
9. Implement carbon accounting and emission footprint analysis.
10. Develop climate-smart investment strategies and products.
11. Evaluate the performance of climate bonds and green securities.
12. Foster financial inclusion in climate-vulnerable communities.
13. Enhance organizational resilience through sustainable financial planning.

Target Audience

1. Investment bankers
2. Risk management professionals
3. Financial analysts
4. Sustainability officers
5. ESG consultants
6. Regulatory compliance officers
7. Portfolio managers
8. Climate finance researchers

Course Duration: 10 days

Course Modules

Module 1: Foundations of Financial Literacy

- Definition and components of financial literacy
- The role of personal and institutional finance
- Importance of budgeting, saving, and investing
- Financial behaviors and decision-making
- Digital tools for financial education
- **Case Study**: How financial literacy improved climate insurance uptake

Module 2: Introduction to Climate Risk

- Types of climate risk: physical and transitional
- Effects of climate change on global markets
- Climate science basics for financial professionals

- The carbon economy and decarbonization
- Climate-related market volatility
- **Case Study**: The 2021 Texas blackout and systemic financial loss

Module 3: Climate Risk and Financial Systems

- Risk channels in financial markets
- Insurance and reinsurance impacts
- Climate risk in global supply chains
- Financial system vulnerabilities
- Macroeconomic instability from climate change
- **Case Study**: How floods impacted the banking sector in Pakistan

Module 4: ESG and Risk Management

- ESG metrics and indicators
- Integrating ESG into investment decisions
- Role of ESG in credit ratings
- ESG risk scoring systems
- ESG controversies and greenwashing
- **Case Study**: ESG failures in oil and gas investments

Module 5: Regulatory Frameworks and Compliance

- TCFD and ISSB compliance standards
- Central bank mandates and stress testing
- SEC climate disclosure proposals
- Basel climate risk guidelines
- Legal risks and fiduciary responsibilities
- **Case Study**: HSBC's regulatory fine for greenwashing

Module 6: Green Finance and Sustainable Investing

- Introduction to green finance instruments
- Green bonds and sustainability-linked loans
- Role of institutional investors
- Impact measurement and reporting
- Investment opportunities in climate tech
- **Case Study**: Growth of green bond markets in the EU

Module 7: Climate Scenario Analysis

- Climate pathways and RCP scenarios
- Designing financial stress tests
- Quantitative modeling tools
- Risk-return implications
- Policy shifts and investment risks
- **Case Study**: Scenario testing by the Bank of England

Module 8: Carbon Accounting and Financial Reporting

- Basics of carbon footprinting
- Scope 1, 2, and 3 emissions
- Internal carbon pricing
- Carbon offsetting strategies
- Emissions auditing and transparency

- **Case Study**: Microsoft's net-zero financial model

Module 9: Climate Risk Data and Analytics

- Sources of climate risk data
- Satellite and remote sensing integration
- Climate risk software and dashboards
- Data challenges in emerging markets
- Use of AI in climate forecasting
- **Case Study**: IBM's climate analytics for financial institutions

Module 10: Climate Disclosures and Communication

- Principles of effective climate reporting
- Sustainability vs integrated reporting
- Reporting standards: GRI, SASB, TCFD
- Stakeholder engagement strategies
- Communicating risk to investors
- **Case Study**: BlackRock’s ESG disclosure evolution

Module 11: Sustainable Insurance and Climate Risk Transfer

- Climate insurance models
- Parametric vs indemnity products
- Reinsurance strategies for climate risk
- Microinsurance in developing countries
- Role of insurance in resilience building
- **Case Study**: Africa Risk Capacity's drought insurance scheme

Module 12: Climate Risk in Emerging Markets

- Vulnerabilities in LMICs (Low and Middle-Income Countries)
- Access to climate finance
- Localized risk assessment tools
- Blended finance models
- Role of DFIs and MDBs
- **Case Study**: World Bank financing for climate adaptation in Bangladesh

Module 13: Corporate Financial Strategy & Climate Resilience

- Climate-aligned budgeting
- Sustainability-driven financial planning
- Business continuity frameworks
- Climate risk hedging strategies
- CFO leadership in ESG reporting
- **Case Study**: Unilever's integrated climate-finance roadmap

Module 14: Banking and Climate Finance Innovation

- Sustainable banking principles
- Climate-aligned lending products
- Fintech innovations for green finance
- Risk-adjusted pricing models
- Banking sector’s climate commitments
- **Case Study**: Bank of America’s climate finance portfolio

Module 15: Building a Climate-Resilient Financial Career

- Career pathways in sustainable finance
- Certifications and learning opportunities
- Networking in ESG and climate finance
- Resume and skill enhancement tips
- Continuous professional development
- **Case Study**: Career success stories from the UNPRI network

Training Methodology

- Instructor-led sessions with real-time Q&A
- Interactive case study discussions
- Hands-on activities with financial tools
- Group simulations and climate scenario planning
- Access to resource materials and reading packs
- Pre- and post-training assessment for knowledge evaluation

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

Start Date	End Date	Location	Price
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
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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