Training Course on Climate Change and Sustainable Finance for Central Banks

Professional Development Training Course Outline

Category	Climate Change	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The growing urgency of climate change and its systemic risks have compelled central banks to rethink their financial frameworks and integrate sustainable finance into their core mandates. Training Course on Climate Change and Sustainable Finance for Central Banks is designed to equip central banks, financial regulators, and economic policymakers with the skills, tools, and frameworks necessary to address climate-related financial risks and promote green finance initiatives. Using cutting-edge research, real-world case studies, and ESG-driven financial tools, participants will gain a nuanced understanding of climate-aligned financial supervision and regulatory innovation.

In the face of escalating global environmental threats, sustainable finance is no longer optional but essential for financial stability. This course combines sustainability science with macroprudential policy, risk modeling, and climate scenario analysis to enable participants to align their institutional policies with net-zero goals. From green bond markets to the integration of climate stress testing in central banking, this course provides actionable insights and practical strategies for sustainable economic governance.

Programme Curriculum

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Course Objectives

1. Understand the economic implications of climate change on monetary and financial stability
2. Identify climate-related financial risks and opportunities for central banks
3. Analyze global frameworks such as the Paris Agreement and NGFS Guidelines
4. Integrate ESG (Environmental, Social, Governance) factors into monetary policy
5. Learn sustainable finance taxonomy and classification systems
6. Implement climate scenario analysis and stress testing methodologies
7. Understand the role of central banks in mobilizing green finance
8. Examine transition and physical risks to the financial system
9. Develop green investment strategies and regulatory frameworks
10. Align central banking with sustainable development goals (SDGs)
11. Leverage public-private partnerships for climate-resilient finance
12. Utilize fintech and digital tools for sustainable finance innovation
13. Apply climate disclosure and reporting standards in supervision

Target Audience

1. Central bank staff and policy advisors
2. Financial regulators and supervisors
3. Monetary policy analysts
4. Economists and risk managers
5. ESG and sustainable finance officers
6. Treasury and fiscal policy experts
7. International development finance institutions
8. Academia and researchers in environmental economics

Course Duration: 5 days

Course Modules

Module 1: Introduction to Climate Change & Central Banking

- Overview of climate science and global warming trends
- Role of central banks in addressing climate change
- Interlinkages between financial systems and climate risk
- Understanding climate-related financial disclosures
- Key global initiatives: Paris Agreement, IPCC, NGFS
- **Case Study:** ECB's Climate Agenda and Policy Integration

Module 2: Climate-Related Financial Risks

- Identifying physical vs. transition risks
- Sectoral vulnerabilities and systemic risk mapping
- Climate risk materiality in asset portfolios
- Tools for climate risk identification and reporting
- Financial risk and resilience frameworks
- **Case Study:** Bank of England Climate Stress Testing

Module 3: Sustainable Finance Taxonomies and Standards

- Understanding green, social, and sustainability-linked bonds
- EU Taxonomy and international classification standards
- Integration of sustainability labels in financial products
- Climate-aligned finance instruments
- Green finance infrastructure and regulation
- **Case Study:** People's Bank of China Green Finance Framework

Module 4: ESG Integration in Monetary and Financial Policy

- Embedding ESG into asset purchases and reserve management
- ESG scoring and data challenges
- ESG-linked monetary policy tools
- Impact of ESG on inflation and interest rates
- Regulatory incentives for ESG investments
- **Case Study:** Sveriges Riksbank’s Sustainable Portfolio Strategy

Module 5: Climate Scenario Analysis and Stress Testing

- Climate macroeconomic models for scenario planning
- NGFS Climate Scenarios framework
- Designing and interpreting climate stress tests
- Challenges in data, assumptions, and calibration
- Role of stress testing in policy formulation
- **Case Study:** Banque de France Stress Testing Application

Module 6: Green Finance and Market Instruments

- Structure and development of green bond markets
- Climate-related investment funds and indices
- Sustainable lending and green loans
- Role of carbon pricing and trading schemes
- Central bank tools to promote green liquidity
- **Case Study:** Chile’s Green Bond Issuance & Policy Impact

Module 7: Regulatory Innovation and Climate Risk Supervision

- Supervisory approaches to climate risk management
- Integrating climate risk in micro and macroprudential regulation
- Disclosure requirements and sustainable reporting standards
- Supervisory expectations for climate governance
- Enhancing resilience through capital requirement reforms
- **Case Study:** MAS (Monetary Authority of Singapore) Climate Risk Guidelines

Module 8: Technology, Innovation & Sustainable Finance

- Fintech for climate action: blockchain, AI, and IoT
- Climate data platforms and digital risk mapping
- RegTech for climate risk supervision
- Digital currencies and climate impact
- Crowdfunding and green startups
- **Case Study:** AI-Driven ESG Scoring by Swiss Re Institute

Training Methodology

- Expert-led lectures with visual aids and real-time Q&A

- Interactive group activities and scenario simulations
- Case-based learning from global central banking practices
- Hands-on workshops using ESG and climate tools
- Pre- and post-assessment to evaluate learning outcomes
- Access to downloadable templates, checklists, and resources

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.com 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
07 Sep 2026	11 Sep 2026	Online	$1,100
14 Sep 2026	18 Sep 2026	Online	$1,100
21 Sep 2026	25 Sep 2026	Online	$1,100
28 Sep 2026	02 Oct 2026	Online	$1,100
05 Oct 2026	09 Oct 2026	Online	$1,100
12 Oct 2026	16 Oct 2026	Online	$1,100

Start Date	End Date	Location	Price
19 Oct 2026	23 Oct 2026	Online	$1,100
26 Oct 2026	30 Oct 2026	Online	$1,100

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

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