Training course on Climate Finance and Green Bonds for Infrastructure Development

Professional Development Training Course Outline

Category	Civil Engineering and Infrastructure Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The global transition to a low-carbon, climate-resilient economy necessitates unprecedented levels of investment, particularly in critical infrastructure. Traditional financing mechanisms, while essential, are often insufficient to meet the scale and urgency of this need, especially for projects that deliver significant environmental and social benefits. Climate finance, broadly defined as local, national, or transnational financing drawn from public, private, and alternative sources to support mitigation and adaptation actions, has emerged as a crucial enabler for sustainable infrastructure development. Within this evolving landscape, green bonds have rapidly gained prominence as a powerful and increasingly standardized financial instrument, allowing issuers to raise capital specifically for projects with positive environmental impacts. Understanding these innovative financing avenues is paramount for infrastructure developers, financial institutions, and policymakers seeking to align investment with global climate goals and drive sustainable growth. Training Course on Climate Finance and Green Bonds for Infrastructure Development is meticulously designed to equip with the specialized knowledge and practical skills required to navigate the complex world of climate finance and leverage green bonds for infrastructure development. Participants will gain a comprehensive understanding of the various climate finance mechanisms, the principles and processes of green bond issuance, and the criteria for eligible green infrastructure projects. Through a blend of theoretical instruction, practical case studies of successful green bond issuances, and interactive discussions on market trends and regulatory frameworks, attendees will develop the expertise to identify viable financing opportunities, structure green bond frameworks, evaluate project eligibility, and manage reporting requirements. This course is indispensable for professionals committed to mobilizing capital for sustainable infrastructure, enhancing financial resilience, and contributing directly to a greener, more sustainable built environment.

Programme Curriculum

Training Course on Climate Finance and Green Bonds for Infrastructure Development

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Course Objectives

Upon completion of this course, participants will be able to:

1. Define climate finance and its critical role in accelerating sustainable infrastructure development.
2. Distinguish between various climate finance mechanisms and instruments, both public and private.
3. Understand the core concepts, benefits, and market dynamics of green bonds.
4. Apply the Green Bond Principles (GBP) to ensure integrity and transparency in green bond issuance.
5. Identify eligible green project categories suitable for green bond financing in infrastructure.
6. Develop a robust Green Bond Framework for an infrastructure project.
7. Explore the process of green bond issuance, including external reviews and verification.
8. Evaluate the economic and environmental benefits of financing infrastructure through green bonds.
9. Understand climate risk assessment and impact measurement for green finance projects.
10. Navigate the policy, regulatory, and institutional landscape of climate finance and green bonds.
11. Communicate effectively with investors and stakeholders about green bond opportunities.
12. Analyze case studies of successful green bond issuances for diverse infrastructure projects globally.
13. Formulate a preliminary strategy for leveraging climate finance and green bonds for infrastructure development.

Target Audience

This course is essential for professionals seeking to understand and utilize climate finance and green bonds for infrastructure development:

1. Civil Engineers: Involved in sustainable infrastructure project development.
2. Financial Analysts & Investment Managers: Focusing on green and sustainable finance.
3. Project Developers & Managers: Seeking innovative financing for infrastructure projects.
4. Government Officials: From ministries of finance, infrastructure, and environment.
5. Urban Planners: Integrating sustainable finance into urban development strategies.
6. Environmental Consultants: Advising on project eligibility and impact assessment.
7. Corporate Finance Professionals: Exploring green financing options for their organizations.
8. Researchers & Academics: Studying sustainable finance and infrastructure investment.

Course Duration

5 Days

Course Modules

Module 1: Introduction to Climate Finance for Infrastructure

- Define climate finance and its role in sustainable infrastructure development.
- Distinguish between climate mitigation finance and climate adaptation finance.
- Discuss the global climate finance landscape, key actors, and funding flows.
- Understand the financial risks and opportunities presented by climate change for infrastructure.
- Overview of the growing need for green and sustainable investment in the built environment.

Module 2: Green Bonds: Fundamentals and Principles

- Define green bonds, their purpose, and their unique characteristics in debt markets.
- Understand the core components of the Green Bond Principles (GBP) published by ICMA.
- Discuss the benefits of issuing green bonds for infrastructure developers and project owners.
- Explore the general process of green bond issuance, from preparation to allocation.
- Differentiate green bonds from traditional bonds and other sustainable finance instruments.

Module 3: Climate Finance Mechanisms and Instruments

- Explore various public climate finance mechanisms (e.g., Green Climate Fund, Global Environment Facility, Multilateral Development Banks).
- Discuss private climate finance instruments (e.g., green loans, sustainability-linked loans, impact investing funds).
- Understand blended finance approaches for mobilizing private capital for climate projects.
- Examine carbon pricing mechanisms (e.g., carbon taxes, emissions trading schemes) and their role in climate finance.
- Learn about climate risk insurance and other risk transfer mechanisms for infrastructure.

Module 4: Project Eligibility and Green Bond Frameworks for Infrastructure

- Identify eligible green project categories for infrastructure (e.g., renewable energy, sustainable transport, water management, climate resilience).
- Learn how to develop a robust Green Bond Framework, aligning with GBP and market best practices.
- Discuss the importance of clear use of proceeds, project selection criteria, and environmental benefits.
- Understand the role of external reviews and second-party opinions (SPOs) in ensuring credibility.
- Explore reporting and transparency requirements for green bonds post-issuance.

Module 5: Case Studies of Green Bonds in Infrastructure

- Analyze successful green bond issuances for large-scale renewable energy infrastructure projects.
- Discuss green bonds financing sustainable transportation initiatives (e.g., high-speed rail, electric vehicle charging networks).
- Explore green bonds issued for water and wastewater infrastructure improvements and resilience.
- Examine green bonds specifically targeting resilient infrastructure and climate adaptation projects.
- Learn key lessons and best practices from diverse green bond case studies across various regions and sectors.

Module 6: Risk Management and Impact Measurement in Climate Finance

- Understand financial and non-financial risks associated with climate finance projects (e.g., climate transition risk, physical risk).
- Discuss methodologies for measuring and reporting environmental impacts (e.g., GHG emission reductions, water savings).
- Explore social impact measurement and reporting for green projects.
- Learn about climate-related financial disclosures (e.g., Task Force on Climate-related Financial Disclosures - TCFD).
- Understand the importance of robust monitoring and evaluation frameworks for green bond proceeds and impacts.

Module 7: Policy, Regulatory Landscape, and Market Trends

- Review national and international policies supporting climate finance and green bond market development.
- Discuss emerging regulatory frameworks and taxonomies for sustainable finance (e.g., EU Taxonomy).
- Explore the role of central banks and financial regulators in greening the financial system.
- Understand current market trends, growth trajectories, and key challenges in the global green bond market.
- Analyze the influence of investor demand, market liquidity, and sovereign green bond issuances.

Module 8: Developing a Green Bond Issuance Strategy for Infrastructure

- Learn the practical steps involved in preparing an organization or project for a green bond issuance.
- Discuss strategies for engaging with potential investors and structuring the bond offering.
- Explore post-issuance management, including allocation of proceeds and impact reporting.
- Formulate a preliminary green bond issuance strategy for a hypothetical infrastructure project.
- Understand the long-term benefits of integrating green finance into corporate and project-level financial strategy.

Training Methodology

- **Interactive Workshops:** Facilitated discussions, group exercises, and problem-solving activities.
- **Case Studies:** Real-world examples to illustrate successful community-based surveillance practices.
- **Role-Playing and Simulations:** Practice engaging communities in surveillance activities.
- **Expert Presentations:** Insights from experienced public health professionals and community leaders.
- **Group Projects:** Collaborative development of community surveillance plans.
- **Action Planning:** Development of personalized action plans for implementing community-based surveillance.
- **Digital Tools and Resources:** Utilization of online platforms for collaboration and learning.

- **Peer-to-Peer Learning:** Sharing experiences and insights on community engagement.
- **Post-Training Support:** Access to online forums, mentorship, and continued learning resources.

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

- Participants must be conversant in English.
- Upon completion of training, participants will receive an Authorized Training Certificate.
- The course duration is flexible and can be modified to fit any number of days.
- Course fee includes facilitation, training materials, 2 coffee breaks, buffet lunch, and a Certificate upon successful completion.
- One-year post-training support, consultation, and coaching provided after the course.
- Payment should be made at least a week before the training commencement to Fineskill Training Center account, as indicated in the invoice, to enable better preparation.

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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