ESG for Infrastructure Projects Training Course

Professional Development Training Course Outline

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

Course Introduction

ESG for Infrastructure Projects Training Course is designed to equip infrastructure leaders, project managers, engineers, consultants, investors, and sustainability professionals with the knowledge and practical tools required to integrate Environmental, Social, and Governance (ESG) principles into the entire infrastructure project lifecycle. With growing demand for sustainable infrastructure, climate-resilient development, green financing, net-zero projects, carbon reduction strategies, responsible investment, and global ESG compliance, organizations must embed ESG frameworks into project planning, design, construction, operations, and asset management. This course provides practical guidance on aligning infrastructure projects with ESG standards, Sustainable Development Goals (SDGs), climate action commitments, environmental stewardship, social value creation, and governance excellence.

The program explores emerging trends including green infrastructure, climate adaptation, ESG reporting, impact assessment, sustainable procurement, circular economy, biodiversity protection, stakeholder engagement, social inclusion, and infrastructure resilience. Through real-world case studies and industry examples, participants will learn how to measure ESG performance, manage risks, attract sustainable finance, and deliver infrastructure projects that create long-term economic, environmental, and social value. The course supports professionals in developing future-ready infrastructure solutions aligned with global sustainability goals, investor expectations, regulatory requirements, and responsible project delivery practices.

Programme Curriculum

ESG for Infrastructure Projects Training Course

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Course Objectives

By the end of this course, participants will be able to:

1. Understand the fundamentals of ESG integration in infrastructure development and global sustainability trends.
2. Apply ESG frameworks, standards, and reporting methodologies to infrastructure projects.
3. Develop strategies for low-carbon and climate-resilient infrastructure delivery.
4. Implement environmental risk assessment and impact mitigation strategies.
5. Integrate social sustainability, community engagement, and stakeholder management into projects.
6. Apply sustainable procurement and responsible supply chain management practices.
7. Understand the role of green finance, ESG investment, and sustainable infrastructure funding.
8. Develop effective ESG governance frameworks and compliance systems.
9. Measure and report ESG performance indicators and sustainability metrics.
10. Apply carbon accounting, greenhouse gas reduction, and net-zero strategies.
11. Promote biodiversity conservation and nature-positive infrastructure solutions.
12. Improve infrastructure project outcomes through ESG risk management and resilience planning.
13. Build leadership capabilities for delivering future-ready, sustainable, and responsible infrastructure projects.

Target Audience

1. Infrastructure Project Managers and Directors
2. Civil Engineers and Construction Professionals
3. Sustainability and ESG Managers
4. Government Infrastructure Planners and Policy Makers
5. Engineering Consultants and Project Advisors
6. Investors, Banks, and Green Finance Professionals
7. Contractors, Developers, and Supply Chain Managers
8. Environmental, Social, and Governance Compliance Specialists

Course Modules

Module 1: Fundamentals of ESG in Infrastructure Projects

- Understanding Environmental, Social, and Governance (ESG) principles and their role in infrastructure.
- Evolution of sustainable infrastructure development and ESG-driven investment trends.
- ESG frameworks including UN SDGs, GRI, SASB, TCFD, and ISSB standards.
- Linking infrastructure projects with climate action and sustainable development goals.
- Case Study: ESG transformation approach in major global transportation infrastructure projects.

Module 2: Environmental Sustainability and Climate Resilience

- Managing environmental impacts through green infrastructure strategies.
- Climate risk assessment and adaptation planning for resilient infrastructure.
- Carbon reduction strategies and net-zero infrastructure pathways.
- Energy efficiency, renewable integration, and sustainable resource management.
- Case Study: Renewable energy integration in large-scale infrastructure developments.

Module 3: ESG Risk Management and Impact Assessment

- Identifying and managing **ESG risks throughout the project lifecycle**.
- Environmental and Social Impact Assessment (ESIA) methodologies.
- Climate-related financial risks and infrastructure vulnerability analysis.
- ESG risk monitoring using digital tools and analytics.
- **Case Study:** ESG risk management framework for international infrastructure projects.

Module 4: Social Sustainability and Stakeholder Engagement

- Building inclusive infrastructure through **social value creation**.
- Community consultation and stakeholder engagement strategies.
- Managing land acquisition, resettlement, and social impacts.
- Diversity, equity, inclusion, and workforce sustainability.
- **Case Study:** Community engagement programs in major urban infrastructure projects.

Module 5: Sustainable Construction and Green Project Delivery

- Applying **green construction practices** and sustainable project management.
- Circular economy principles in infrastructure development.
- Sustainable materials selection and lifecycle assessment.
- Reducing construction waste and improving resource efficiency.
- **Case Study:** Green building certification and sustainable construction practices.

Module 6: ESG Governance, Compliance, and Reporting

- Establishing effective **ESG governance structures**.
- Regulatory compliance and global ESG reporting requirements.
- Developing ESG policies, procedures, and accountability systems.
- ESG performance measurement and sustainability dashboards.
- **Case Study:** ESG reporting framework implementation in infrastructure companies.

Module 7: Green Finance and Sustainable Infrastructure Investment

- Understanding **green bonds, sustainability-linked loans, and ESG financing**.

- Investor expectations and ESG performance requirements.
- Linking project performance with sustainable finance opportunities.
- Evaluating ESG value creation and financial benefits.
- **Case Study:** Green financing model for large-scale infrastructure investments.

Module 8: Future Trends and ESG Leadership in Infrastructure

- Emerging trends in **AI-powered ESG monitoring and digital sustainability**.
- Smart infrastructure and climate-positive development models.
- Nature-based solutions and biodiversity-positive projects.
- Developing ESG leadership and organizational transformation strategies.
- **Case Study:** Future-ready smart city infrastructure using ESG principles.

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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

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

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Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com