ESG Investing in Renewable Energy Training Course

Professional Development Training Course Outline

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

Course Introduction

ESG Investing in Renewable Energy Training Course provides a strategic, practical, and market-focused understanding of how Environmental, Social and Governance (ESG) principles are transforming investment decisions across the global renewable energy sector. As investors increasingly prioritize climate finance, net-zero strategies, energy transition, sustainable finance, impact investing, and climate-risk management, renewable energy has become a critical asset class for long-term value creation. The course explores how investors can evaluate solar, wind, hydropower, geothermal, battery storage, green hydrogen, bioenergy, and smart-grid projects using ESG frameworks, financial metrics, sustainability indicators, and risk-adjusted investment approaches. Participants will learn to connect ESG performance with financial materiality, portfolio resilience, decarbonization, regulatory compliance, stakeholder value, and sustainable development goals.

Designed for professionals operating in investment, finance, sustainability, energy, infrastructure, and corporate strategy, the training bridges the gap between ESG theory and renewable-energy investment practice. Participants will examine real-world investment scenarios and case studies involving renewable-energy developers, institutional investors, infrastructure funds, banks, and energy companies. The program addresses emerging themes such as transition finance, green bonds, blended finance, carbon markets, taxonomy alignment, Scope 1–3 emissions, climate disclosures, greenwashing risk, biodiversity, just transition, and ESG data analytics. By completing the course, participants will be better equipped to identify investment opportunities, conduct ESG due diligence, assess climate and sustainability risks, structure responsible investment strategies, measure impact, and make informed decisions that support both competitive financial returns and the global transition to a low-carbon economy.

Programme Curriculum

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5 days

Course Objectives

By the end of the training, participants will be able to:

1. Understand the principles of ESG investing, sustainable finance, and responsible investment in renewable energy.
2. Evaluate renewable-energy investment opportunities using financial, ESG, and climate-risk criteria.
3. Apply leading ESG frameworks, standards, taxonomies, and disclosure requirements to investment analysis.
4. Assess climate risk, transition risk, physical risk, and stranded-asset exposure within renewable-energy portfolios.
5. Conduct effective ESG due diligence on solar, wind, hydro, geothermal, storage, hydrogen, and other clean-energy projects.
6. Analyze financial materiality and sustainability performance when making investment decisions.
7. Develop strategies for portfolio decarbonization, net-zero alignment, and climate-resilient investing.
8. Evaluate green bonds, sustainability-linked finance, blended finance, and impact-investment structures.
9. Identify and mitigate greenwashing, governance, social, environmental, regulatory, and reputational risks.
10. Measure carbon impact, emissions reductions, social value, and ESG performance using relevant KPIs.
11. Integrate biodiversity, community engagement, human rights, and just-transition principles into investment decisions.
12. Build an ESG-integrated renewable-energy investment strategy and portfolio.

13. Apply practical ESG analytics, scenario analysis, case-study techniques, and investment decision-making tools.

Target Audience

1. Investment managers and portfolio managers
2. ESG, sustainability, and climate professionals
3. Banking and financial-services professionals
4. Private equity, venture capital, and infrastructure fund professionals
5. Renewable-energy developers and project-finance professionals
6. Corporate executives and strategy leaders
7. Government, regulatory, development-finance, and policy professionals
8. Consultants, analysts, auditors, and advisors

Course Modules

Module 1: ESG Investing and the Renewable Energy Transition

- Foundations of ESG investing, sustainable finance, responsible investment, and impact investing.
- Understanding the relationship between energy transition, climate change, net zero, and capital allocation.
- Mapping renewable-energy asset classes: solar, wind, hydro, geothermal, bioenergy, storage, and green hydrogen.
- Exploring ESG as a driver of long-term financial value, resilience, and competitive advantage.
- Case Study: Analysis of how a global institutional investor integrates renewable-energy assets into a long-term ESG portfolio.

Module 2: ESG Frameworks, Standards, Taxonomies and Disclosures

- Introduction to ESG reporting, climate disclosures, sustainability standards, and green taxonomies.
- Understanding materiality, double materiality, ESG KPIs, sustainability data, and investor disclosures.
- Connecting renewable-energy investments with UN SDGs, climate targets, and net-zero commitments.
- Evaluating ESG ratings, data providers, disclosure gaps, and greenwashing indicators.
- Case Study: Comparing ESG disclosure quality and taxonomy alignment across two renewable-energy companies.

Module 3: Renewable Energy Investment Analysis and Valuation

- Assessing project economics, cash flows, IRR, NPV, payback periods, LCOE, and risk-adjusted returns.
- Evaluating renewable-energy revenue models, power purchase agreements, merchant exposure, and energy-market risk.
- Integrating ESG indicators into conventional investment appraisal and valuation models.
- Assessing technology, supply-chain, regulatory, construction, operational, and market risks.
- Case Study: Investment appraisal of a utility-scale solar-plus-battery storage project using financial and ESG criteria.

Module 4: Climate Risk, Carbon Markets and Portfolio Resilience

- Identifying physical climate risks, transition risks, policy risks, and market risks affecting energy investments.
- Applying scenario analysis, stress testing, climate pathways, and portfolio resilience assessments.
- Understanding carbon pricing, carbon markets, emissions reduction, offsets, and transition mechanisms.

- Evaluating the relationship between renewable-energy investments and portfolio decarbonization.
- Case Study: Climate-risk stress testing of a renewable-energy portfolio under alternative transition scenarios.

Module 5: Green Finance, Impact Investing and Innovative Capital

- Exploring green bonds, sustainability-linked finance, climate funds, blended finance, and transition finance.
- Understanding how institutional and private capital can accelerate clean-energy deployment and energy access.
- Structuring investment approaches around risk, return, additionality, impact, and scalability.
- Measuring financial performance alongside environmental and social impact outcomes.
- Case Study: Structuring a blended-finance model to mobilize private investment for renewable-energy infrastructure in an emerging market.

Module 6: Social and Governance Factors in Renewable Energy

- Assessing community impact, stakeholder engagement, labor standards, human rights, and social safeguards.
- Understanding just transition, energy access, affordability, inclusion, and local economic development.
- Evaluating governance risks including board oversight, transparency, ethics, corruption, and executive accountability.
- Integrating biodiversity, land use, environmental safeguards, and responsible supply chains into investment analysis.
- Case Study: ESG due diligence for a wind-energy project involving land-use, biodiversity, community, and stakeholder concerns.

Module 7: ESG Due Diligence, Greenwashing and Investment Risk

- Building a practical ESG due-diligence framework for renewable-energy investment opportunities.
- Identifying greenwashing, misleading claims, ESG data inconsistencies, and disclosure risks.
- Assessing supplier ESG performance, critical minerals, supply-chain resilience, and responsible procurement.
- Developing ESG risk registers, scoring systems, red-flag assessments, and investment conditions.
- Case Study: Conducting an ESG investment committee review of a renewable-energy company with strong climate credentials but significant supply-chain risks.

Module 8: Building an ESG Renewable-Energy Investment Strategy

- Designing ESG-integrated renewable-energy portfolios based on investment objectives and risk appetite.
- Establishing portfolio-level ESG KPIs, carbon targets, impact metrics, monitoring, and reporting systems.
- Applying active ownership, stewardship, engagement, voting, and investor accountability principles.
- Developing an investment thesis aligned with net zero, energy transition, SDGs, climate resilience, and long-term value creation.
- Case Study: Participants develop and present a complete ESG renewable-energy investment strategy, including asset selection, financial analysis, ESG scoring, climate-risk assessment, impact metrics, and portfolio recommendations.

Training Methodology

- 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

Start Date	End Date	Location	Price
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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