Training course on Renewable Energy Law and Project Finance

Professional Development Training Course Outline

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

Course Introduction

The global transition to a sustainable energy future is accelerating, driven by ambitious climate action targets and the imperative to decarbonize economies worldwide. At the forefront of this shift is the rapid expansion of renewable energy projects, which are increasingly attractive to investors and governments alike due to their long-term viability and environmental benefits. However, developing these complex undertakings requires a profound understanding of specialized renewable energy law and sophisticated project finance structures. Navigating the intricate legal frameworks, securing appropriate permitting, and structuring bankable financial agreements are paramount to the success of any clean energy venture. Training Course on Renewable Energy Law and Project Finance is designed to equip professionals with the essential knowledge and practical skills needed to overcome these challenges, unlocking the vast potential of the green energy sector and contributing to global energy security. This program delves into the critical interplay between legal compliance and financial viability, covering key aspects from initial project development and power purchase agreements (PPAs) to risk mitigation and tax equity financing. Participants will gain expertise in interpreting energy regulations, conducting rigorous due diligence, and mastering the intricacies of financial modeling specifically tailored for renewable assets like solar, wind, and energy storage projects. By exploring real-world case studies and engaging with industry best practices, attendees will be empowered to structure commercially viable projects, attract necessary capital, and manage legal and financial risks effectively. This course is indispensable for anyone looking to play a leading role in the clean energy transition, ensuring projects are not only environmentally sound but also financially robust and legally compliant.

Programme Curriculum

Training Course on Renewable Energy Law and Project Finance

Introduction

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Course Objectives

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

1. Analyze the global and national **renewable energy policy** and **regulatory frameworks**.
2. Identify the key stages and legal considerations in **renewable energy project development**.
3. Evaluate various **project finance structures** and their applicability to different renewable technologies.
4. Master the principles and negotiation of **Power Purchase Agreements (PPAs)**.
5. Understand the legal and technical aspects of **grid integration** and **transmission** for renewables.
6. Assess **environmental permitting** requirements and **social impact assessments** for energy projects.
7. Develop comprehensive **financial models** for renewable energy projects.
8. Identify and mitigate **project risks** throughout the lifecycle of renewable energy ventures.
9. Conduct thorough **legal and financial due diligence** for renewable energy investments.
10. Explore innovative **financing mechanisms** such as green bonds and climate funds.
11. Understand the role of **tax incentives** and **tax equity financing** in renewable energy projects.
12. Analyze the legal and economic landscape of **energy storage solutions**.
13. Discuss emerging trends in **renewable energy technologies** and future policy directions.

Target Audience

This course is tailored for professionals seeking to specialize in the legal and financial aspects of renewable energy projects, including:

1. **Project Developers:** Individuals and teams involved in originating and developing renewable energy projects.
2. **Legal Professionals:** Lawyers, in-house counsel, and legal advisors specializing in energy, environmental, and corporate law.

3. **Financial Analysts & Investors:** Professionals in banks, investment funds, private equity, and institutional investment focused on renewable energy.
4. **Government & Regulatory Officials:** Policymakers and staff from energy ministries, regulatory bodies, and public utilities.
5. **Consultants:** Advisory professionals providing services in renewable energy, project finance, and environmental compliance.
6. **Engineers & Technical Specialists:** Engineers involved in the technical design and execution of renewable projects who need to understand financial and legal implications.
7. **Corporate Finance Professionals:** Those within corporations seeking to invest in or develop their own renewable energy assets.
8. **Risk Management Professionals:** Individuals responsible for assessing and mitigating financial, legal, and operational risks in energy projects.

Course Duration: 10 Days

Course Modules

Module 1: Introduction to Renewable Energy Landscape

- Global Energy Transition and Decarbonization Goals
- Overview of Renewable Energy Technologies: Solar, Wind, Hydro, Geothermal, Biomass
- Market Trends, Growth Drivers, and Investment Opportunities
- Economic Benefits and Challenges of Renewable Energy Deployment
- The Role of Renewable Energy in Climate Change Mitigation

Module 2: International and National Renewable Energy Policies & Laws

- Key International Treaties and Agreements Shaping Renewable Energy
- National Energy Policies and Renewable Portfolio Standards (RPS)
- Feed-in Tariffs, Tax Credits, and Other Government Incentives
- Regulatory Bodies and Licensing Requirements for Renewable Projects
- Cross-border Energy Trade and Regional Power Pools

Module 3: Renewable Energy Project Development Lifecycle

- Site Selection and Feasibility Studies for Renewable Projects
- Land Acquisition, Easements, and Community Engagement
- Project Structuring: SPVs, Joint Ventures, and Partnerships
- Permitting and Regulatory Approvals for Construction
- Project Stakeholder Management and Communication

Module 4: Power Purchase Agreements (PPAs) - Legal & Commercial Aspects

- Types of PPAs: Physical, Virtual, Corporate, Utility
- Key Clauses and Terms in PPA Negotiations
- Risk Allocation in PPAs: Construction, Operation, Curtailment
- Pricing Mechanisms, Escalation, and Indexation in PPAs
- Legal Due Diligence of PPA Counterparties

Module 5: Grid Connection, Transmission, and Offtake

- Understanding Grid Infrastructure and Interconnection Standards

- Legal Frameworks for Grid Access and Transmission Rights
- Challenges of Renewable Energy Integration into the Grid (e.g., intermittency)
- Ancillary Services and Grid Modernization Policies
- Merchant Risk vs. Contracted Offtake in Project Finance

Module 6: Environmental & Social Legal Frameworks

- Environmental Impact Assessments (EIAs) for Renewable Projects
- Compliance with Environmental Protection Laws (e.g., Clean Air, Water Acts)
- Biodiversity Conservation and Habitat Protection Requirements
- Social Impact Assessments, Resettlement, and Indigenous Rights
- Corporate Social Responsibility (CSR) and ESG Principles in Project Development

Module 7: Foundations of Project Finance for Renewable Energy

- Introduction to Project Finance: Concepts, Benefits, and Risks
- Non-Recourse vs. Limited Recourse Financing Structures
- Key Parties in a Project Finance Transaction (Sponsors, Lenders, Offtakers)
- Debt-to-Equity Ratios and Capital Stack Structuring
- The Project Waterfall: Cash Flow Management and Distribution

Module 8: Financial Modeling for Renewable Energy Projects

- Building a Renewable Energy Financial Model from Scratch
- Revenue Streams: PPA Revenue, Capacity Payments, Green Certificates
- Operating Expenses: O&M, Insurance, Land Lease, Taxes
- Debt Sizing, Amortization Schedules, and Debt Service Cover Ratios (DSCR)
- Valuation Metrics: NPV, IRR, Project Equity Returns

Module 9: Risk Management and Mitigation in Project Finance

- Identifying and Categorizing Project Risks: Technical, Commercial, Political, Financial
- Contractual Risk Allocation Mechanisms (EPC, O&M, Supply Agreements)
- Insurance Solutions for Construction and Operational Risks
- Force Majeure, Change in Law, and Termination Provisions
- Hedging Strategies for Currency and Interest Rate Risks

Module 10: Due Diligence in Renewable Energy Transactions

- Technical Due Diligence: Resource Assessment, Technology Review, Performance
- Legal Due Diligence: Permits, Contracts, Land Rights, Corporate Structure
- Financial Due Diligence: Review of Models, Assumptions, and Forecasts
- Environmental & Social Due Diligence: Compliance and Impact Mitigation
- Best Practices for Due Diligence Reporting and Findings Integration

Module 11: Equity and Debt Financing Structures

- Sources of Equity: Sponsor Equity, Private Equity, Venture Capital
- Types of Debt: Commercial Bank Loans, Development Finance Institutions (DFIs), Export Credit Agencies (ECAs)
- Green Bonds, Climate Bonds, and Sustainable Debt Instruments
- Mezzanine Finance, Subordinated Debt, and Bridge Loans

- Public-Private Partnerships (PPPs) in Renewable Energy

Module 12: Emerging Trends & Future of Renewable Energy Finance

- Energy Storage Technologies: Batteries, Pumped Hydro, Hydrogen
- Legal and Financial Aspects of Grid-Scale Energy Storage Projects
- Decentralized Energy Systems and Microgrids
- Hydrogen Economy: Production, Storage, and Legal Frameworks
- Carbon Credits and Voluntary Carbon Markets in Project Finance

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
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

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