Training Course on Energy Insurance and Risk Management

Professional Development Training Course Outline

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

Course Introduction

In today’s evolving global landscape, energy projects face unprecedented levels of complexity and risk. From volatile market dynamics and natural disasters to regulatory shifts and technological disruptions, effective Energy Insurance and Risk Management has become crucial for safeguarding long-term investments. This comprehensive training course offers strategic insights and real-world applications to ensure participants are equipped to mitigate financial losses, improve compliance, and maintain operational continuity in the energy sector.

Training Course on Energy Insurance and Risk Management is designed for professionals involved in energy production, insurance underwriting, financial risk management, and infrastructure development. Participants will explore risk identification, insurance coverage strategies, policy structuring, and claims management through actionable modules. With trending insights into renewable energy, ESG frameworks, cyber risk, and climate resilience, this course prepares professionals to master the rapidly changing energy insurance landscape.

Programme Curriculum

Training Course on Energy Insurance and Risk Management

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Course Objectives

1. Understand key principles of energy insurance and risk management frameworks.
2. Identify and assess operational risks in renewable and non-renewable energy projects.
3. Navigate policy structures for upstream, midstream, and downstream energy sectors.
4. Learn best practices in claims handling and dispute resolution.
5. Evaluate cybersecurity risks in the energy infrastructure and available coverage.
6. Understand business interruption insurance and loss of profit policies.
7. Examine the impact of climate change risk on energy project insurability.
8. Apply ESG and sustainability-driven insurance solutions.
9. Gain proficiency in regulatory compliance and legal aspects of energy coverage.
10. Explore reinsurance mechanisms and market dynamics.
11. Develop enterprise risk management (ERM) strategies tailored to energy firms.
12. Implement data analytics and risk modeling in underwriting.
13. Use case studies to design custom insurance strategies for complex energy projects.

Target Audience

1. Energy project managers
2. Insurance underwriters and brokers
3. Risk management professionals
4. Energy sector investors
5. Environmental consultants
6. Compliance officers
7. Legal professionals in energy law
8. Renewable energy developers

Course Duration: 5 days

Course Modules

Module 1: Introduction to Energy Insurance

- Fundamentals of energy insurance
- Types of insurance in energy projects
- Overview of risk exposures in energy
- Legal frameworks and policy wording
- Insurance lifecycle in energy projects
- **Case Study: Insuring an Offshore Wind Farm**

Module 2: Energy Risk Identification and Analysis

- Risk categories: operational, market, regulatory
- Risk quantification techniques
- Tools for risk mapping and analysis
- Scenario planning and stress testing
- Emerging risks in energy (e.g., AI, automation)
- **Case Study: Risk Assessment for LNG Terminal**

Module 3: Policy Design and Coverage Strategies

- Structuring comprehensive energy insurance policies
- Tailoring policies for upstream vs. downstream sectors
- Underwriting considerations and premium pricing
- Role of insurance brokers in placement
- Enhancing coverage through endorsements
- **Case Study: Customized Policy for a Solar Park**

Module 4: Claims Management and Dispute Resolution

- Claims notification and documentation
- Investigations and loss adjusters
- Avoiding common claim denial pitfalls
- Arbitration vs. litigation in claims
- Best practices in claim recovery
- **Case Study: Fire Damage at a Power Plant**

Module 5: Climate Risk and Environmental Liability

- Impact of climate change on insurability
- Carbon risk coverage and green energy incentives
- Environmental liability policies
- Flood, wildfire, and extreme weather coverage
- Insurance for carbon credit projects
- **Case Study: Insuring a Hydroelectric Facility in a Flood Zone**

Module 6: Cyber Risk and Technology Insurance in Energy

- Common cyber threats in energy infrastructure
- Cyber insurance coverage features
- Regulatory requirements for cyber resilience
- Integration with operational technology (OT) systems
- Risk transfer and response planning
- **Case Study: Cyber Attack on a Natural Gas Grid**

Module 7: Reinsurance and Global Market Trends

- Role of reinsurance in energy risk
- Types of reinsurance arrangements
- Market cycles and capacity trends
- Impact of global catastrophes on premiums
- Alternative risk transfer methods (cat bonds, ILS)
- **Case Study: Reinsurance Structure for a National Oil Company**

Module 8: ESG, Compliance, and Strategic Risk Governance

- ESG integration into energy risk portfolios
- Regulatory compliance and international standards
- Governance, risk, and compliance (GRC) tools
- Stakeholder communication and transparency
- Aligning insurance strategy with sustainability goals
- **Case Study: ESG-Driven Insurance for a Clean Energy Startup**

Training Methodology

- Interactive presentations and real-time case analysis

- Group exercises and risk simulation scenarios
- Policy drafting workshops with expert feedback
- Live Q&A sessions with industry specialists
- Practical toolkits, templates, and checklists provided
- Access to post-training resource library and community

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

Start Date	End Date	Location	Price
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:

Register Online Now

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