

Energy Transition Legal and Technical Perspectives

Cairo (Egypt)

2 - 6 February 2025

UK Training

PARTNER



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Code: LD28 From: 2 - 6 February 2025 City: Cairo (Egypt) Fees: 4000 Pound

Introduction

As the global focus shifts toward sustainable energy, energy transition has become an essential priority for governments and organizations alike. This program is designed to provide participants with an in-depth understanding of the legal frameworks and technological innovations propelling energy transition. By combining regulatory knowledge with technical expertise, participants will gain the strategic skills necessary to manage the complexities of this shift effectively. The course highlights the worldwide importance of energy transition and offers actionable insights and strategies for harmonizing legal and technical approaches to support sustainable development.

Course Objectives

- Gain a solid understanding of the fundamental concepts and global relevance of energy transition.
- Examine the legal and regulatory structures supporting energy sustainability.
- Assess the technical challenges and opportunities associated with renewable energy adoption.
- Build strategic capabilities for aligning technical initiatives with legal compliance for successful energy transitions.
- Acquire practical insights into international best practices and new developments in the energy sector.

Why You Need This Course?

- Understand the essential legal frameworks guiding energy transition.
- Gain insights into compliance requirements for renewable energy projects.
- Learn to align technical solutions with regulatory standards.
- Navigate the complexities of energy laws and policies effectively.
- Develop strategic skills for integrating legal and technical approaches.
- Stay ahead of challenges in transitioning from fossil fuels to renewables.
- Enhance your ability to manage energy projects with legal and technical expertise.
- Adapt to global best practices and emerging trends in the energy sector.
- Build a comprehensive approach to sustainable development.
- Foster innovation while ensuring legal and regulatory compliance.

Course Outlines

Day 1: Foundations of Energy Transition

- Overview of global energy trends and the shift toward renewable sources.
- Key drivers behind energy transition: Environmental, economic, and social factors.
- Introduction to sustainability goals and frameworks, such as the UN SDGs and the Paris Agreement.



Day 2: Legal and Regulatory Frameworks

- Overview of global and regional energy laws and policies.
- Licensing, permitting, and compliance processes for renewable energy projects.
- Legal obstacles associated with transitioning from fossil fuels to renewable energy.

Day 3: Technical Aspects of Energy Transition

- Overview of key renewable energy technologies: Solar, wind, and hydrogen.
- Challenges of integrating renewable energy into current power grids.
- Technical standards and certifications essential for sustainable energy solutions.

Day 4: Strategic Integration of Legal and Technical Perspectives

- Aligning technical projects with regulatory compliance requirements.
- Risk management considerations for energy projects from both technical and legal perspectives.
- Developing policies that balance innovation with regulatory adherence.

Day 5: Best Practices and Future Trends

- Global best practices in energy transition.
- Emerging trends: Digital transformation, AI, and IoT in energy management.
- Strategies for fostering effective collaboration among stakeholders in energy projects.



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BLACKBIRD
FOR TRAINING



International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

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