

Applying Green Energy Finance: Renewable Energy and Energy Efficiency

COURSE OVERVIEW

This course provides a comprehensive understanding of the financial mechanisms, tools, and strategies used to fund renewable energy and energy efficiency projects. Through this course, participants will explore the economic, policy, and market dynamics driving green energy finance, and learn how to structure, evaluate, and manage investments in renewable energy and energy efficiency initiatives. The course also covers risk assessment, innovative financing models, and global trends in green energy finance.

WHO SHOULD ATTEND?

This course targets finance, energy, and sustainability professionals, such as financial analysts, investment managers, and project developers working on renewable energy and energy efficiency projects. It is also beneficial for policymakers and government representatives engaged in green energy financing and regulatory policies. Environmental consultants, business executives, and entrepreneurs looking to invest in or develop green energy ventures will find value in this course, as will students and academics exploring the connection between finance, renewable energy, and energy efficiency.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Understand the financial principles and mechanisms driving renewable energy and energy efficiency projects.
- Assess the economic and financial feasibility of green energy investments.
- Formulate strategies to secure funding for renewable energy and energy efficiency projects.
- Analyze risks in green energy projects and develop strategies for risk mitigation.
- Explore innovative financing options like green bonds, carbon credits, and crowdfunding.
- Gain an understanding of global policies and market trends influencing green energy finance.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Core financial models for evaluating green energy and efficiency projects
- How to structure deals using instruments like **green bonds**, **PPAs**, and **carbon credits**
- Tools for assessing ROI, payback period, and lifecycle cost of clean energy systems
- Risk profiling methods and mitigation strategies for green investments
- How to align projects with global frameworks (e.g., SDGs, ESG standards)
- Case studies on successful financing of solar, wind, and energy efficiency projects
- Insights into emerging markets, investor trends, and regulatory incentives
- Practical funding strategies for public-private partnerships and blended finance

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded