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Renewable Energy: Project Finance

COURSE OVERVIEW

This course offers a comprehensive understanding of financial principles, tools, and strategies for developing, funding, and managing renewable energy projects. Participants will examine the financial aspects of solar, wind, hydropower, and other renewables, covering risk assessment, funding structures, and investment analysis. At the end of the course, participants will, through case studies, practical exercises, and expert insights, develop the skills to navigate the financial complexities of renewable energy projects and support the global energy transition.

WHO SHOULD ATTEND?

The course has been tailored for both laymen and professionals involved in funding, developing, and managing renewable energy projects. Engineers, project developers, and energy consultants will gain financial expertise to assess project viability, while entrepreneurs and business leaders explore investment opportunities in the renewable sector. Policymakers and regulators can deepen their understanding of financial structures and incentives for sustainable energy. Investors, financial analysts, and bankers can also refine their skills in risk assessment and funding models. The academics are also not left out, as students and researchers can enhance their knowledge of renewable energy finance through the application of financial strategies for clean energy adoption.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Comprehend project finance concepts in renewable energy and the roles of financial stakeholders.
- Build and analyze financial models, including cash flow projections and scenario planning.
- Evaluate funding options such as equity, debt financing, green bonds, and climate funds.
- Identify and mitigate financial, regulatory, and operational risks in renewable projects.
- Interpret policies, incentives, and regulations affecting renewable energy finance.
- Conduct investment analyses using NPV, IRR, and payback period metrics.
- Develop investment-grade financial proposals to attract funding.
- Apply theoretical knowledge through case studies and real-world problem-solving.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- How to structure project finance for solar, wind, hydro, and hybrid systems
- Core financial modeling techniques including cash flow, NPV, and IRR analysis
- Funding instruments like **green bonds**, **PPAs**, **climate funds**, and **concessional finance**
- Risk assessment methods for regulatory, market, and operational exposure
- How to build investment-grade proposals and financial close strategies
- Policy incentives, tax structures, and global finance trends in clean energy
- Real-world project case studies from emerging and developed markets
- Tools for scenario planning and bankability assessments

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

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