



Analysis & Planning of Investment Projects in the Energy Sector

www.masterpeaktraining.com

phone: +905302682631

Email: info@masterpeaktraining.com

Analysis & Planning of Investment Projects in the Energy Sector

5 days training course

For detailed information on training course dates, please click the link:

[Analysis & Planning of Investment Projects in the Energy Sector.](#)

course overview

This training provides an in-depth understanding of financial models and investment analysis techniques used to evaluate energy projects. Participants will gain insight into the financial, environmental, and risk aspects of energy investments. The course covers key topics such as project identification, cost analysis, risk management, and the economic evaluation of energy projects, with a focus on ensuring sound investment decisions in this complex sector.

Who Should Attend?

This course is designed for professionals involved in energy investments and project planning, including:

- Individuals looking to invest in the energy sector
- Investors and financial analysts
- Senior managers in energy companies
- Energy sector professionals, including regulators, government officials, and consultants

Training Objectives

- Understand the key challenges and opportunities in the energy sector for investment projects.
- Develop skills in assessing risks and performing financial analysis for energy projects.
- Gain insights into the economic evaluation and cost-effectiveness analysis of energy investments.
- Learn how to conduct environmental impact assessments and integrate sustainability into energy project planning.

Course Outline:

Day 1: Investment Projects in the Energy Sector Overview

- What is challenging in the energy sector?
- Investment opportunities in the energy sector
- Project identification and evaluation
- Energy demand and supply analysis
- Measuring the impact of energy projects

Day 2: Risk Assessment in the Energy Sector

- Understanding risk in energy projects
- Valuation risk and market risk analysis
- Sensitivity analysis in energy project planning
- Conducting comprehensive risk analysis

Day 3: Financial Analysis in Energy Projects

- Estimating investment costs and operation & maintenance costs
- Understanding the cost of capital: Discounted Cash Flow (DCF)
- Evaluating the economic life of the project using NPV and IRR
- Analyzing project cash flow

Day 4: Economic Opportunity Cost of Capital

- Cost-effectiveness analysis of energy projects
- Evaluating the economic cost of human resources
- Assessing the benefits of energy projects
- Economic cost of foreign exchange

Day 5: Environmental Analysis

- Environmental analysis in business and energy projects
- Life-Cycle Assessment (LCA) for energy projects
- Economic valuation of environmental impacts
- Integrating environmental considerations into project planning



DOCUMENTATION

The **MTC team** has meticulously prepared **high-quality training materials** for distribution to all delegates.

CERTIFICATES

An **accredited Certificate of Completion** will be awarded to participants who successfully attend and complete the program.

SCHEDULE

Course sessions are scheduled as follows:

- **Morning Session:** 09:00 AM – 1:00 PM
- **Afternoon Session:** 01:00 PM – 05:00 PM

REGISTRATION & PAYMENT

To register, please complete the **registration form** available on the course page and submit it with your **preferred payment method**. Alternatively, you can contact us via **email or WhatsApp** for assistance.

TRAVEL & TRANSPORT

We ensure a **seamless travel experience** by providing **airport-hotel-airport** transfers for all participants.