



Training Course:
***ANALYSIS & PLANNING OF INVESTMENT
PROJECTS IN THE ENERGY SECTOR***

*10 - 14 March 2025
Kuala Lumpur (Malaysia)
Royale Chulan Kuala Lumpur*

Training Course: ANALYSIS & PLANNING OF INVESTMENT PROJECTS IN THE ENERGY SECTOR

Training Course code: EW234791 From: 10 - 14 March 2025 Venue: Kuala Lumpur (Malaysia) - Royale Chulan Kuala Lumpur Training Course Fees: 6500 € Euro

Introduction

This Analysis & Planning of Investment Projects in the Energy Sector training course will explain the investments in the energy sector for sound investment decisions making and help entrepreneurs and practitioners to understand the investments field and develop the skill for analyzing financial models in the energy projects.

Over the last decade, energy technologies have experienced rapid cost reductions and increased global capacity. In the developing world, energy provides not only an opportunity for increased economic growth, but distributed energy systems can greatly speed up the pace of modern energy.

Investments in energy sectors are driven by specific challenges affecting the national, regional, and international energy markets. This sector could be a regional growth driver through multi-country projects, and investors have numerous choices for investment opportunities in the energy sector. Roadmaps, action plans, and regulatory documents have been developed and strategic into more concrete measures to be implemented in the upcoming years, tailored to the specific national and regional investment priorities.

Course Objectives

Enrich knowledge of analysis & planning of investment projects in the energy sector to help investment decisions.

By the end of this training course, the participants will be able to:

- Understanding the investment project in the energy sector and how to create planning
- How to develop a risk assessment in the energy sector
- How to apply financial analysis
- Understand economic analysis
- How to apply environmental analysis and learning from a case study

Training Methodologies

The participants will receive thorough training on the subjects utilizing a variety of proven adult learning teaching and facilitation techniques, including classroom-style with highly interactive exercises & case studies.

Organizational Benefits

A beneficial investment for the organization in order to sharpen their knowledge of the field.

The organizational impact will be demonstrated by participants in this Analysis & Planning of Investment Projects in

the Energy Sector training course.

- Enhance knowledge about the investment project in the energy sector to create a plan
- Improve the skill and knowledge to develop risk assessment in the Energy sector
- Better understanding to apply financial analysis
- Having a better analysis of economic
- Developing the ability of environmental analysis
- Having experience from case studies to contribute decision making

Personal Benefits

To achieve excellence as an individual and contribute to having a positive impact on the organization.

The training course will be of personal benefit to the participants by providing them with:

- A better understanding of the investment project in the energy sector to create a plan
- Enhance the capability to develop risk assessment in the Energy sector
- Improve the skill and knowledge to apply financial analysis
- Good perspective and ability to analysis in economic
- More capable of developing environmental analysis
- Being self-confidence to contribute decision making

Target Audience

This training course will help the professional understand the investments field and financial models analyzing energy projects.

This training course is suitable for a wide range of Professionals of the Energy Sector but will greatly benefit:

- Individuals Intending to Invest in the Energy Sector
- Investor
- Public and Private Enterprises
- Senior Manager
- Energy Professionals: Regulators, Government, and Consultants

Course Outlines

Day 1

INVESTMENT PROJECT IN THE ENERGY SECTOR OVERVIEW

- What is Challenging in the Energy Sector?
- Investment Opportunity in the Energy Sector
- Project Identification
- Energy Demand and Supply
- Measurement of Projects' Impact

Day 2

RISK ASSESSMENT IN THE ENERGY SECTOR

- Risk in Energy Projects
- Valuation Risk
- Market Risk Analysis
- Sensitivity Analysis
- Risk Analysis

Day 3

FINANCIAL ANALYSIS IN ENERGY PROJECTS

- Investment Cost
- Operation & Maintenance Cost
- Cost of Capital: Discounted Cash Flow DCF
- The Economic Life of The Project: NPV and IRR
- Project Cash Flow

Day 4

Economic Opportunity Cost of Capital

- Cost-Effectiveness Analysis

- Economic Cost of Human Resources
- Benefits of Energy Projects
- Economic Cost of Foreign Exchange

Day 5

ENVIRONMENTAL ANALYSIS

- Environmental Analysis in Business
- Life-Cycle Assessment LCA
- Economic Valuation of Environmental Impacts
- Environmental Integration Process

Registration form on the Training Course: ANALYSIS & PLANNING OF INVESTMENT PROJECTS IN THE ENERGY SECTOR

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Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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