# Renewable Energy Strategy, Finance and Investment Course

4 – 15 October 2027
Kuala Lumpur

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## Overview

Renewable Energy Strategy, Finance and Investment Course is a 2-week course for energy managers, project sponsors, commercial leads, finance professionals, policy specialists, and technical leaders who leave with a Renewable Energy Business Case and Strategy Portfolio. Participants connect market outlook, technology portfolios, project economics, financing structures, policy context, commercial models, risk allocation, investment decisions, and implementation governance. Agile Leaders Training Center provides this course on renewable energy strategy, finance, and investment.

## Who Should Attend

- Professionals responsible for renewable energy strategy and portfolio choices.
- People responsible for sponsoring or evaluating energy investments.
- Commercial teams responsible for revenue models and contractual structures.
- Finance functions responsible for project economics and funding decisions.
- Technical leaders moving into business and investment responsibility.

The course assumes participants can interpret project and market information, and leaves out detailed engineering design, general MBA subjects, transaction law, and project scheduling instruction.

## Departments and Industries

The course supports business and investment decisions across renewable power and energy-consuming sectors.

- Utilities and independent power producers
- Infrastructure investment and banking functions
- Industrial energy and decarbonization teams
- Technology developers and equipment providers
- Public policy and procurement functions

## Learning Objectives

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

- Analyze renewable energy markets, policy signals, and technology portfolios.
- Apply CAPEX, OPEX, LCOE, and WACC to project economics.
- Evaluate financing structures, risk allocation, and project bankability.
- Build commercial models and investment decision papers.
- Compare strategic portfolio choices under uncertainty.
- Design implementation governance for an approved investment strategy.

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## Course Agenda

## Day 1: Market and Strategy Context

- Renewable Energy Market Outlook Map
- Demand, Policy, and Deployment Signal Scan
- Industry Structure and Value Pool Analysis
- Strategic Driver Prioritization Matrix
- Renewable Business Ambition Statement

## Day 2: Technology Portfolio Choices

- Technology Readiness and Application Screen
- Resource, Site, and Grid Fit Matrix
- Generation Profile Comparison Tool
- Supply Chain and Delivery Constraint Map
- Technology Portfolio Selection Scorecard

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## Day 3: Project Economics

- CAPEX and OPEX Cost Structure Model
- Energy Yield and Capacity Factor Assumption Sheet
- Levelized Cost of Electricity Calculation Framework
- Cash Flow and Discounted Value Model
- Economics Sensitivity Analysis Grid

## Day 4: Financing and Capital Structure

- Debt and Equity Structure Canvas
- Weighted Average Cost of Capital Assumption Model
- Project Finance Cash Waterfall Map
- Financing Instrument Selection Matrix
- Funding Readiness Evidence Checklist

## Day 5: Risk and Bankability

- Development-to-Operations Risk Register
- Risk Allocation Responsibility Matrix
- Revenue and Offtaker Risk Assessment
- Risk Mitigation Instrument Review
- Project Bankability Diagnostic

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## Day 6: Policy and Procurement

- Policy Instrument Impact Map
- Renewable Auction Design Comparison
- Power Purchase Agreement Risk Map
- Price Discovery and Bid Logic Model
- Procurement Context Decision Record

## Day 7: Commercial Models

- Revenue Stream Architecture Canvas
- Contracted and Merchant Exposure Matrix
- Customer and Offtaker Value Proposition Map
- Partnership and Ownership Model Screen
- Commercial Model Assumption Register

## Day 8: Investment Decisions

- Investment Criteria and Threshold Sheet
- Scenario and Downside Case Model
- Portfolio Risk-Return Comparison Matrix
- Investment Committee Decision Paper
- Conditions Precedent Action List

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## Day 9: Strategy and Governance

- Renewable Energy Strategy Architecture
- Portfolio Roadmap and Stage-Gate Map
- Decision Rights and Governance Matrix
- Performance Indicator and Evidence Set
- Implementation Risk Escalation Path

## Day 10: Business Case Integration

- Suggested Exercise: Market and Technology Portfolio Review
- Suggested Exercise: Economics and Financing Model Challenge
- Suggested Exercise: Risk and Commercial Structure Review
- Suggested Exercise: Investment Committee Presentation
- Capstone Exercise: Renewable Energy Business Case and Strategy Portfolio

## Practical Exercises

The course uses suggested activities to integrate renewable energy business decisions.

- Suggested activity: compare technology choices against market, resource, grid, and delivery constraints.
- Suggested activity: test project economics against capital-cost and revenue scenarios.
- Suggested activity: allocate development, financing, offtaker, and operating risks.
- Suggested activity: present an investment decision with conditions and governance actions.

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## FAQs

### Who suits renewable energy strategy and investment and what does it assume?

Energy managers, sponsors, commercial leads, finance professionals, policy specialists, and technical leaders suit the course. It assumes experience with project or market information and excludes detailed engineering, general MBA subjects, transaction law, and project scheduling.

### How does renewable energy strategy and investment differ from a general energy finance course?

Renewable energy strategy and investment integrates markets, technology portfolios, economics, finance, policy, commercial models, risk, strategy, and implementation governance rather than concentrating only on financing calculations.

### What makes a renewable energy project bankable?

Project bankability depends on credible assumptions, allocated risks, viable economics, dependable revenue arrangements, appropriate financing, capable delivery parties, and evidence that conditions can be met.

### How are renewable energy technologies compared for investment?

Renewable technologies are compared through resource and site fit, generation profile, grid access, cost structure, maturity, supply chain, delivery constraints, revenue potential, and portfolio role.

### What belongs in a renewable energy investment business case?

A renewable energy investment business case connects market rationale, technology choice, economics, financing, risks, commercial structure, scenarios, decision conditions, governance, and implementation evidence.

## Conclusion

Participants take back a Renewable Energy Business Case and Strategy Portfolio linking markets, technologies, economics, finance, risk, commercial models, investment decisions, and governance. The portfolio creates a common evidence base for executive review. It supports disciplined choices about which opportunities to advance, under what conditions, and through which implementation controls.