JUPITER PRIME

Consulting • Training • Advisory

جوبيتر برايم للاستشارات والتدريب

COURSE BROCHURE

Energy and Sustainability Strategy Mini MBA Training Course

jupiterprime.uk

info@jupiterprime.uk

Registered in the United Kingdom and Saudi Arabia

Energy and Sustainability Strategy Mini MBA Training Course

Energy and Sustainability Strategy Mini MBA is a 2-week training course for managers in energy and utility companies who must join business strategy, corporate finance and transition planning into one direction, and it ends with an Energy Transition Strategy Blueprint for their own business unit. Shifting fuel mixes, investor scrutiny and volatile wholesale prices now test every capital decision a utility takes. The course is delivered by Jupiter Prime Training.

Why Energy and Sustainability Strategy Mini MBA Matters Now

Three forces now shape energy and sustainability strategy. Capital providers price climate exposure into the cost of debt and equity; customers and large offtakers demand low-carbon supply on contract; and power markets reward flexibility while punishing stranded thermal assets. A utility that reads these forces well allocates capital to assets that keep earning through the transition. One that reads them badly locks in assets with shrinking margins and loses its licence to grow. The course rests on discounted cash flow DCF appraisal, the levelised cost of energy LCOE and scenario analysis for long-range energy planning.

Who Gains Most from Energy and Sustainability Strategy Mini MBA

- Managers who own business unit strategy for generation, networks or retail supply
- Managers accountable for capital budgets and project investment cases
- Managers who trade, hedge or contract electricity, gas and fuels
- Managers who set decarbonisation targets and track emissions performance
- Managers who lead operational divisions through restructuring and new business models

Strategy and finance teams of a single utility gain most when several members attend together and return with one shared investment logic.

Energy and Sustainability Strategy Mini MBA Capabilities

Participants learn to link market signals, asset economics and carbon pathways to the choices a utility board must sign off.

- Assess competitive position with portfolio and value chain models — the corporate strategy committee
- Calculate net present value, internal rate of return and LCOE for energy assets — the investment committee
- Weigh merchant, contracted and regulated revenue models — treasury and commercial leads
- Design a decarbonisation pathway with a marginal abatement cost curve — the sustainability committee
- Build transition scenarios that stress-test the asset portfolio — the board and capital providers

- Communicate a transition case that brings workforce and stakeholders along — executive leadership

Key Energy and Sustainability Strategy Mini MBA Terms

- Levelised Cost of Energy LCOE — the average lifetime cost of producing one unit of electricity from an asset, including capital, operation and fuel.
- Weighted Average Cost of Capital WACC — the blended return a company must pay its lenders and shareholders, used as a discount rate.
- Marginal Abatement Cost Curve — a chart ranking emission reduction options by cost per tonne avoided and by volume.
- Stranded Asset — an investment that loses value before the end of its expected life because markets or policy have shifted.
- Merit Order — the ranking of generating units by marginal cost that sets which plants run and the wholesale price.
- Transition Scenario — a structured, internally consistent view of how demand, prices and technology could evolve over decades.

Energy and Sustainability Strategy Mini MBA Day by Day

Day 1: The Energy Transition Landscape

- Energy Trilemma Framing — Balancing Security, Affordability and Emissions Goals
- PESTLE Scan of the Power Sector — External Pressures on Utility Strategy
- Fuel Mix Trajectories — Where Generation Capacity Will Shift Next
- Stakeholder Mapping for Utilities — Investors, Offtakers, Communities and Grid Operators
- Utility Business Model Canvas — Sources of Value Under Pressure

Day 2: Strategy Tools for Energy Businesses

- Porter Five Forces in Power Markets — Competitive Intensity by Segment
- Value Chain Analysis From Generation to Retail — Where Margin Is Earned
- Portfolio Matrix for Energy Assets — Grow, Hold or Divest Choices
- Core Competence Review — Capabilities Worth Building for Low-Carbon Growth
- Strategic Objectives Cascade — Linking Corporate Goals to Unit Targets

Day 3: Energy Markets and Price Formation

- Merit Order and Marginal Pricing — How Wholesale Prices Are Set
- Capacity and Ancillary Service Markets — Revenue for Flexible Assets
- Gas and Electricity Price Linkages — Exposure Across the Fuel Chain
- Price Cannibalisation From Solar and Wind — Effects on Captured Prices
- Forward Curves and Hedging Instruments — Managing Commodity Price Risk

Day 4: Corporate Finance for Energy Managers

- Reading Utility Financial Statements — Cash Generation and Balance Sheet Strength
- Weighted Average Cost of Capital — Setting Hurdle Rates for Projects
- Project Finance Structures — Debt Sizing and Cover Ratios
- Regulated Asset Base Economics — Allowed Returns on Network Investment
- Credit Ratings and Climate Exposure — Effects on Borrowing Costs

Day 5: Investment Appraisal of Energy Assets

- Discounted Cash Flow Modelling — Net Present Value and Internal Rate of Return
- Levelised Cost of Energy Comparison — Choosing Among Generation Technologies
- Sensitivity and Monte Carlo Analysis — Testing Key Value Drivers
- Real Options Thinking — Valuing Flexibility to Delay or Expand
- Battery Storage Business Case — Stacking Arbitrage and Grid Service Revenues

Day 6: Decarbonisation Strategy

- Emissions Baseline by Scope — Locating the Largest Carbon Sources
- Marginal Abatement Cost Curve — Sequencing Reduction Options by Cost
- Internal Carbon Pricing — Embedding Emissions Cost in Capital Choices
- Coal and Gas Phase-Down Options — Retire, Repurpose or Convert Decisions
- Green Hydrogen and Electrification Pathways — Hard-to-Abate Demand Options

Day 7: Transition Planning and Scenarios

- Scenario Planning Method — Building Plausible Long-Range Energy Futures
- Portfolio Stress Testing — Asset Value Under Each Transition Scenario
- Stranded Asset Screening — Early Signals of Value Erosion
- Grid Integration Constraints — Network Capacity Limits on Renewable Growth
- Transition Roadmap Milestones — Staging Investment Over Planning Horizons

Day 8: Sustainability Governance and Disclosure

- Board Oversight Structures — Climate Accountability at Committee Level
- Sustainability Risk Register — Physical and Transition Risk Ownership
- Climate Disclosure Practice — Reporting Targets and Progress to Investors
- Sustainability-Linked Finance — Tying Loan Terms to Performance Indicators
- Executive Incentive Design — Aligning Pay With Decarbonisation Metrics

Day 9: Leading the Energy Business Through Change

- Change Leadership Models — Guiding Divisions Through Business Model Shifts
- Workforce Reskilling Plans — Moving Thermal Skills to New Technologies
- Partnership and Joint Venture Structures — Sharing Risk on New Ventures
- Negotiation With Offtakers and Regulators — Securing Workable Commercial Terms
- Strategic Communication to Stakeholders — Framing the Transition Narrative

Day 10: Practising the Energy Transition Strategy Blueprint

- Portfolio Position Synthesis — Applying Strategy Tools to the Unit
- Investment Case Assembly — Applying Appraisal Models to Priority Projects
- Decarbonisation Pathway Selection — Applying the Abatement Curve to Targets
- Governance and Leadership Plan — Assigning Owners and Review Cycles
- Energy Transition Strategy Blueprint — Presenting the Plan to Peer Critique

Applying Energy and Sustainability Strategy Mini MBA After the Course

- Run a discounted cash flow and LCOE comparison on the next capital request before it reaches the investment committee.
- Lead a scenario stress test of the business unit portfolio and share the stranded asset screen with finance colleagues.

Energy and Sustainability Strategy Mini MBA Questions FAQ

What is an Energy and Sustainability Strategy Mini MBA and why does it matter now?

It is condensed business education that joins strategy, finance, energy markets and decarbonisation for energy managers. It matters now because capital providers, customers and markets are repricing carbon-intensive assets, so every investment decision in a utility must hold up across several transition paths.

Which roles gain most from an Energy and Sustainability Strategy Mini MBA?

Managers who own strategy, capital budgets, commodity trading or emissions targets in utilities gain most. Operational heads leading divisions through new business models also benefit, especially when strategy and finance colleagues attend with them and share one investment logic.

How does the Energy and Sustainability Strategy Mini MBA differ from a technical renewable energy course?

It focuses on business decisions rather than engineering design. A technical course explains how plants and grids work; this one shows you how to value assets, choose decarbonisation pathways, govern sustainability risk and lead people through the change.

What do you bring back from the Energy and Sustainability Strategy Mini MBA?

You bring back a strategy blueprint for your own business unit. It combines a portfolio position, appraised investment cases, a costed decarbonisation pathway and a governance plan with named owners, ready to test with your leadership team.

Energy and Sustainability Strategy Mini MBA: The Way Forward

The Energy Transition Strategy Blueprint first informs which projects enter the next capital budget and which assets move toward retirement or conversion. Strategy, finance and sustainability leads use it as a shared reference in investment committee discussions. After its first use, the scenario assumptions deserve a fresh look as market prices, technology costs and stakeholder expectations move.