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COURSE BROCHURE

Clean Energy Opportunity Screening and Risk Analysis Training Course

29 March – 2 April 2027
Geneva

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Registered in the United Kingdom and Saudi Arabia

Clean Energy Opportunity Screening and Risk Analysis Training Course

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Clean Energy Opportunity Screening and Risk Analysis is a 1-week training course for business development, investment and risk staff in energy companies, who leave with a clean energy opportunity risk screen they can apply to their own pipeline. Solar, wind, storage and hydrogen proposals now arrive faster than capital committees can test them, so a disciplined first filter protects both returns and reputation. Jupiter Prime Training runs this course for energy companies weighing new ventures.

Why Clean Energy Opportunity Screening and Risk Analysis Matters Now

Falling equipment costs have opened more clean energy prospects than most energy companies can staff, while tariff support, grid connection queues and offtaker credit quality shift from one market to the next. An organisation that screens well concentrates scarce development spending on ventures that survive due diligence; one that screens badly discovers curtailment, counterparty weakness or permitting delay after money is committed. The course rests on stage-gate investment decisions, the levelised cost of energy and probability and impact scoring of exposures.

Who Gains Most from Clean Energy Opportunity Screening and Risk Analysis

- Business developers who bring solar, wind, storage and hydrogen prospects to the table
- Investment analysts who build the first financial case for a prospect
- Risk specialists who record and score exposures before a commitment
- Commercial staff who assess offtakers, suppliers and joint venture partners
- Strategy staff who set the screening criteria a portfolio must meet

A new ventures unit gains most when its developers, analysts and risk staff attend together and share one screening language.

Clean Energy Opportunity Screening and Risk Analysis Capabilities

Participants turn each prospect into a scored entry a committee can accept or reject.

- Apply fatal flaw criteria to solar, wind, storage and hydrogen prospects — early development spending
- Assess resource, grid connection and technology exposures — engineering and lender reviewers
- Weigh market, policy and offtaker exposures across jurisdictions — commercial and credit staff
- Build a scored exposure log with owners and mitigations — risk committees
- Test returns through sensitivity and scenario cases — investment committees
- Design go or no-go gate criteria for a venture pipeline — portfolio strategy leads

Key Clean Energy Opportunity Screening and Risk Analysis Terms

- Fatal flaw screen — a short set of pass or fail tests that removes prospects with an unfixable weakness before spending begins.
- Levelised cost of energy — the lifetime cost of a plant divided by its lifetime output, used to compare technologies.
- Offtaker credit exposure — the chance that the buyer of power, hydrogen or capacity cannot pay as contracted.
- Curtailment — output a plant could produce but cannot deliver because of grid limits or system instructions.
- Tornado chart — a sensitivity chart ranking which input moves project returns the most.
- Stage gate — a decision point where a venture must meet set criteria before the next tranche of spending.

Clean Energy Opportunity Screening and Risk Analysis Day by Day

Day 1: The Clean Energy Opportunity Landscape

- Technology Maturity Comparison — Placing Solar, Wind, Storage and Hydrogen
- Value Chain Mapping — Choosing Where in the Chain to Participate
- Levelised Cost of Energy Benchmarks — Comparing Prospects on Equal Terms
- Revenue Model Types — Contracted, Merchant and Hybrid Income Choices
- Fatal Flaw Criteria — Removing Unfixable Prospects Before Spending Begins

Day 2: Technical and Site Exposures

- Resource Yield Uncertainty — Setting Exceedance Cases for Sun and Wind
- Grid Connection Capacity Checks — Testing Queue Position and Curtailment Exposure
- Storage Degradation Assumptions — Sizing Augmentation Over Battery Life
- Electrolyser Utilisation Limits — Linking Hydrogen Output to Power Supply
- Land, Water and Permitting Checks — Spotting Delays Before Commitment

Day 3: Market, Policy and Counterparty Exposures

- Price Forecast Ranges — Judging Merchant Exposure and Cannibalisation
- Policy Stability Review — Weighing Tariff, Tax and Support Changes
- Offtaker Credit Assessment — Testing Buyer Strength and Security Packages
- Supplier and Contractor Exposure — Checking Warranty Depth and Delivery Record
- Partner Alignment Check — Matching Joint Venture Goals and Exit Rights

Day 4: Scoring, Sensitivities and Scenarios

- Probability and Impact Scoring — Ranking Exposures on One Scale
- Exposure Log Structure — Assigning Owners, Triggers and Mitigations
- Tornado Sensitivity Analysis — Finding the Inputs That Move Returns
- Scenario Case Building — Testing Low, Base and Stressed Futures
- Contingency and Return Hurdles — Setting Acceptable Exposure per Prospect

Day 5: Practising the Opportunity Risk Screen

- Prospect Fact Sheet — Applying Day One Criteria to a Live Case
- Exposure Scoring Exercise — Rating Technical, Market and Counterparty Items
- Scenario Results Summary — Presenting Sensitivities to a Mock Committee
- Go or No-Go Gate Design — Setting Criteria for the Next Spend
- Risk Screen Completion — Recording the Recommendation and Its Conditions

Applying Clean Energy Opportunity Screening and Risk Analysis After the Course

- Run the fatal flaw criteria across the current prospect list and retire those that fail.
- Rebuild the scored exposure log for one live venture and present its tornado chart at the next gate.

Clean Energy Opportunity Screening and Risk Analysis Questions FAQ

What is clean energy opportunity screening and risk analysis, and why does it matter now?

It is the structured filtering and scoring of solar, wind, storage and hydrogen prospects before significant spending. It matters now because prospects multiply faster than capital, and lenders expect exposures to be documented early.

Who gains most from clean energy opportunity screening and risk analysis?

Business developers, investment analysts, risk specialists and commercial staff in energy companies gain most.

How does clean energy opportunity screening and risk analysis differ from a project finance or bidding course?

It sits earlier in the venture life. Rather than structuring debt or pricing a tender, you decide which prospects deserve development money at all, using fatal flaw tests, exposure scoring and gate criteria.

What do I bring back from clean energy opportunity screening and risk analysis?

You bring back a completed screen for one prospect, with fatal flaw results, a scored exposure log, scenario cases and go or no-go criteria that can be reused across your pipeline.

Clean Energy Opportunity Screening and Risk Analysis: The Way Forward

The clean energy opportunity risk screen first informs whether a prospect receives its next tranche of development spending. Business developers, analysts and risk staff use it together before each gate. After its first use, compare the scoring weights with what due diligence later found.