

Climate Change and Energy Transition Strategy Training Course

12 – 16 April 2027
San Diego

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Training Center

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Ref: 1736_230488 **Date:** 12 – 16 April 2027 **Location:** San Diego **Fees:** 14000 Euro

Overview

Climate Change and Energy Transition Strategy Training Course is a one-week foundation course for energy, sustainability, strategy, risk, operations, and finance functions who leave with a Climate and Energy Transition Action Map. Participants connect climate change and energy transition drivers with emissions sources, pathway scenarios, technology choices, policy signals, transition risks, just-transition impacts, decarbonization options, investment priorities, governance, and metrics. The course turns broad transition uncertainty into structured organizational choices. Agile Leaders Training Center develops climate and energy transition strategy capability.

Who Should Attend

- Energy functions responsible for supply, demand, infrastructure, and transition choices
- Sustainability functions responsible for emissions reduction and climate action
- Strategy and risk functions responsible for scenarios and organizational exposure
- Operations functions responsible for technology and efficiency decisions
- Finance functions responsible for transition investment appraisal and prioritization

The course assumes participants contribute to energy, climate, risk, investment, or operational decisions and leaves out technical plant design, certification preparation, financial product structuring, and disclosure compliance.

Departments and Industries

The course supports departments and industries that must connect climate pressures with energy and investment decisions.

- Energy, sustainability, strategy, risk, and finance functions
- Utilities, oil and gas, power generation, and renewable energy
- Manufacturing, mining, transport, and logistics
- Financial services, real estate, and infrastructure
- Technology, healthcare, retail, and public services

Learning Objectives

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

- Analyze climate drivers and energy-system emissions
- Compare transition pathways and scenario assumptions
- Evaluate technology, infrastructure, and policy options
- Build physical and transition risk exposure maps
- Prioritize decarbonization actions and investments
- Apply governance, stakeholder, and measurement controls

Course Agenda

Day 1: Climate and Energy System Foundations

- Climate Driver and Energy-System Relationship Map
- Greenhouse Gas Source and Activity Inventory
- Energy Flow and Emissions Exposure Diagram
- Physical and Transition Risk Comparison Matrix
- Organizational Boundary and Dependency Map

Day 2: Transition Pathways and Scenarios

- Current-Policy and Transition Pathway Comparison
- Scenario Assumption and Uncertainty Register
- Energy Demand and Supply Driver Map
- Policy and Market Signal Monitoring Board
- Strategic Implication and Decision Trigger Log

Day 3: Technology and Infrastructure Choices

- Energy Efficiency and Demand-Reduction Opportunity Map
- Electrification and Renewable Integration Options Grid
- Storage, Grid, and Flexibility Requirement Map
- Low-Emission Fuel and Technology Appraisal Matrix
- Critical-Material and Supply-Chain Risk Checklist

Day 4: Action Portfolio and Governance

- Decarbonization Action Portfolio Canvas
- Transition Investment Prioritization Matrix
- Just-Transition Stakeholder Impact Assessment
- Climate and Energy Governance Responsibility Map
- Transition Metric and Review Dashboard

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Day 5: Climate and Energy Transition Practice

- Exercise: Map Energy Emissions and Dependencies
- Exercise: Compare Transition Pathway Scenarios
- Exercise: Appraise Technology and Infrastructure Options
- Exercise: Prioritize Actions and Stakeholder Safeguards
- Capstone Exercise: Climate and Energy Transition Action Map

Practical Exercises

The course uses suggested activities to connect transition evidence with organizational decisions.

- Suggested activity: map emissions sources and energy dependencies for a manufacturing operation.
- Suggested activity: compare pathway assumptions for a utility planning case.
- Suggested activity: appraise efficiency, electrification, storage, and fuel options for a logistics network.
- Suggested activity: assemble actions, investments, stakeholders, governance, and measures in a transition action map.

FAQs

Who suits climate change and energy transition strategy training, and what does it assume?

Energy, sustainability, strategy, risk, operations, and finance functions suit the training. It assumes involvement in organizational planning, investment, risk, or operational decisions.

How does climate change and energy transition training differ from general ESG training?

Climate and energy transition training focuses on energy-system emissions, pathways, technologies, infrastructure, risk, and action portfolios, while general ESG training covers a broader range of environmental, social, and governance topics.

What is an energy transition pathway?

An energy transition pathway is a structured set of assumptions about demand, supply, technology, policy, infrastructure, emissions, and timing used to explore how an energy system could change.

What risks arise from climate change and energy transition?

Relevant risks include physical climate impacts, policy and market shifts, technology change, asset exposure, supply-chain constraints, affordability, workforce effects, and changing stakeholder expectations.

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How should organizations prioritize energy transition actions?

Organizations should compare emissions impact, feasibility, cost, timing, dependencies, risk reduction, stakeholder effects, and implementation readiness before assigning ownership and review measures.

Conclusion

Participants take a Climate and Energy Transition Action Map back to work. The map connects emissions, dependencies, scenarios, risks, technology choices, investments, stakeholder impacts, governance, and metrics. It changes broad climate ambition into a reviewable set of organizational transition decisions and actions.