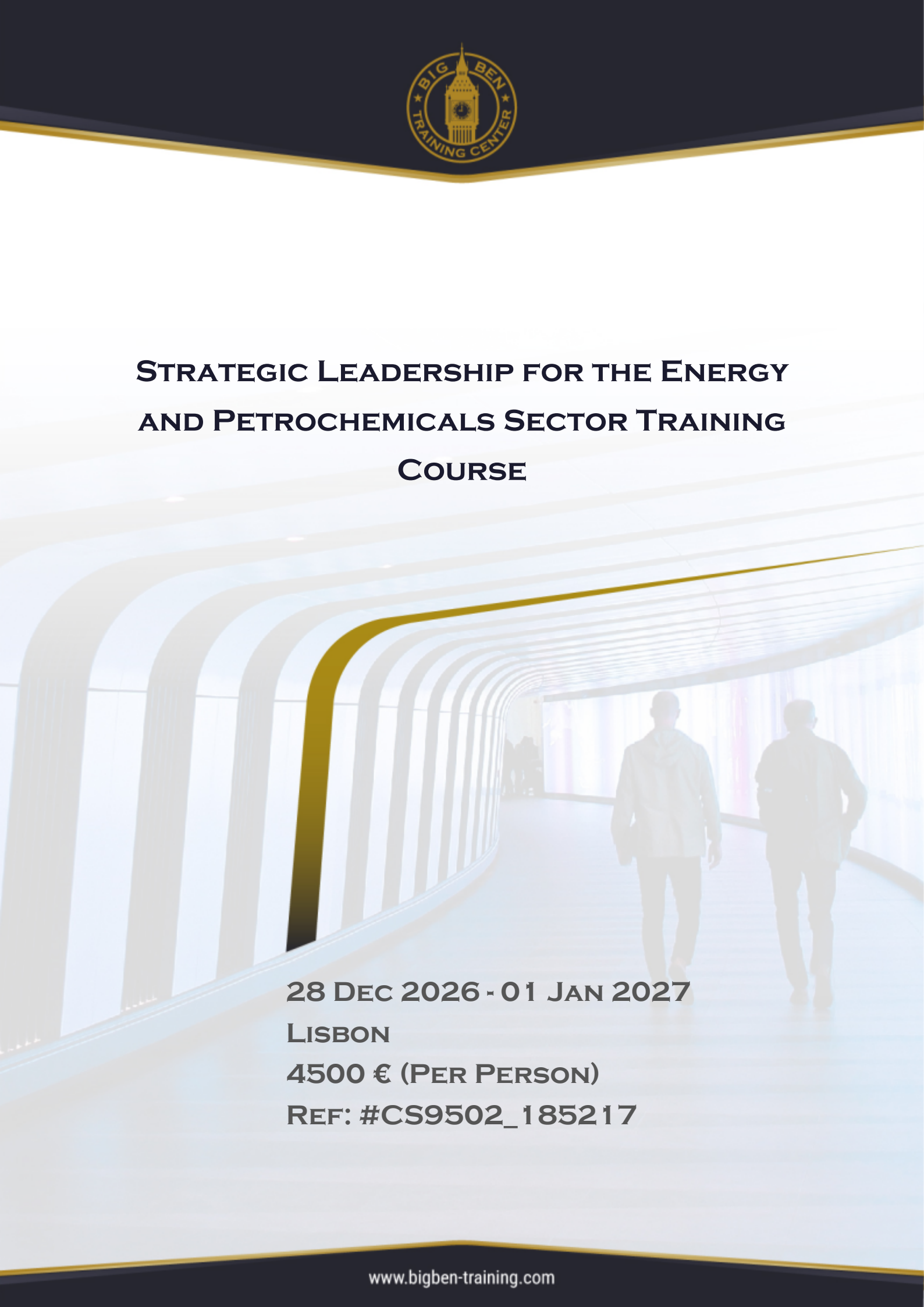
Strategic Leadership for the Energy and Petrochemicals Sector Training Course



28 Dec 2026 - 01 Jan 2027

Lisbon

4500 € (Per Person)

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Course Introduction / Overview:

The global energy and petrochemicals landscape is undergoing a profound transformation, driven by market volatility, geopolitical shifts, technological disruption, and the urgent call for sustainability. In this dynamic environment, effective leadership is not just an advantage; it is a critical necessity for survival and growth. This course is meticulously designed to equip current and future leaders with the strategic foresight, operational acumen, and adaptive leadership skills required to navigate these complex challenges. Drawing on contemporary strategic management principles, such as those discussed by authorities like Daniel Yergin in his seminal work "The New Map: Energy, Climate, and the Clash of Nations," this program delves into the core drivers shaping the industry. Participants will explore how to formulate and execute robust strategies that balance profitability with environmental, social, and governance (ESG) responsibilities. BIG BEN Training Center has developed this immersive experience to move beyond theoretical knowledge, providing practical frameworks for leading digital transformation, managing high-stakes risks, and fostering a culture of innovation. This course is the definitive platform for mastering the art of strategic leadership in one of the world's most vital and challenging sectors.

Target Audience / This training course is suitable for:

- Senior Executives and C-Suite Leaders.
- Vice Presidents and Directors.
- Heads of Strategy and Corporate Planning.
- Operations and Plant Managers.
- Project Directors and Senior Project Managers.
- Commercial and Business Development Managers.
- Heads of Finance and Investment.
- Senior Engineers and Technical Team Leaders.
- High-potential managers being developed for leadership roles.

Target Sectors and Industries:

- Oil and Gas (Upstream, Midstream, and Downstream).
- Petrochemicals and Refining.
- Renewable Energy and Alternative Fuels.
- Power Generation and Utilities.
- Energy Services and Technology Companies.
- Engineering, Procurement, and Construction (EPC) Contractors.
- Commodity Trading and Shipping.
- Governmental bodies, ministries, and regulatory agencies.
- Financial institutions and investment firms focused on the energy sector.

Target Organizations Departments:

- Executive Management and Leadership.
- Strategic Planning and Corporate Development.
- Operations and Production.
- Project Management Office (PMO).
- Finance, Accounting, and Investment.
- Business Development and Commercial.
- Health, Safety, and Environment (HSE).
- Human Resources and Talent Management.
- Supply Chain and Logistics.
- Research and Development (R&D).

Course Offerings:

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

- Analyze complex global energy trends and their impact on corporate strategy.
- Develop and implement agile strategies to navigate market volatility and geopolitical risks.
- Master financial acumen for making sound investment and capital allocation decisions.
- Lead digital transformation and technology adoption initiatives within their organizations.
- Integrate ESG principles and sustainability goals into core business strategy.
- Enhance operational excellence and manage supply chain complexities effectively.
- Lead through crises and implement robust risk management frameworks.
- Foster a culture of innovation to maintain a competitive edge.
- Effectively manage diverse stakeholders, including investors, regulators, and communities.
- Develop a personal leadership action plan for continued professional growth.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and directly applicable to the professional challenges of participants. This course rejects a passive, lecture-based approach in favor of an experiential learning environment where knowledge is co-created. The program is built upon a foundation of real-world case studies sourced directly from the energy and petrochemical industries, allowing participants to dissect complex strategic decisions and their outcomes. Facilitated group discussions and syndicate work encourage peer-to-peer learning and the exchange of diverse perspectives. We will utilize sophisticated business simulations that challenge participants to make critical leadership decisions in a risk-free setting, covering scenarios from market entry to crisis management. Interactive workshops will focus on developing specific skills such as strategic planning, financial modeling, and stakeholder negotiation. Each module concludes with action planning sessions, ensuring that the insights gained are translated into concrete, implementable strategies for each participant's organization. Continuous feedback from the facilitator and peers is a core component, fostering a dynamic and supportive learning journey from start to finish.

Course Agenda (Course Units):

Unit One: The New Strategic Landscape for Energy and Petrochemicals

- The Global Energy Map: Trends, Transitions, and Tensions.
- Analyzing the Petrochemical Value Chain and Market Dynamics.
- Geopolitical Risk Assessment and its Impact on Strategy.
- The Role of Sustainability and ESG in Modern Energy Leadership.
- Understanding Regulatory Frameworks and Compliance Challenges.
- Technological Disruption and the Rise of Digitalization.
- Developing Strategic Foresight and Scenario Planning Skills.

Unit Two: Formulating and Executing Winning Corporate Strategy

- Frameworks for Strategic Analysis: From SWOT to PESTLE.
- Crafting a Compelling Vision and Mission for the Organization.
- Financial Acumen for Strategic Leaders: Investment Appraisal and Capital Budgeting.
- Strategies for Growth: Mergers, Acquisitions, and Strategic Alliances.
- Aligning Organizational Structure with Strategic Objectives.
- Performance Management and the Balanced Scorecard.
- Leading Effective Change Management Initiatives.

Unit Three: Driving Operational Excellence and Managing Risk

- Principles of Lean Management in Energy Operations.
- Optimizing the Global Supply Chain for Resilience and Efficiency.
- Leadership in Health, Safety, and Environment (HSE).
- Developing a Proactive and Comprehensive Risk Management Framework.
- Crisis Management and Business Continuity Planning.
- Project Management Excellence for Capital-Intensive Projects.
- Asset Management and Maximizing Return on Investment.

Unit Four: Leading Innovation, Sustainability, and Transformation

- Fostering a Culture of Innovation and Intrapreneurship.
- Leading the Digital Transformation Journey: AI, IoT, and Big Data.
- Strategies for the Energy Transition: Integrating Renewables and Low-Carbon Solutions.
- Developing and Implementing a Corporate Sustainability (ESG) Strategy.
- Circular Economy Principles in the Petrochemical Sector.
- Managing Human Capital and Developing Future-Ready Talent.
- Communicating Transformation to Internal and External Stakeholders.

Unit Five: The Influential Leader: Governance, Stakeholders, and Personal Mastery

- Principles of Effective Corporate Governance in the Energy Sector.
- Advanced Stakeholder Engagement and Management Techniques.
- Mastering Negotiation and Conflict Resolution.
- Building and Leading High-Performance, Cross-Functional Teams.
- Ethical Leadership and Corporate Social Responsibility.
- Developing Executive Presence and Communication Skills.
- Creating a Personal Leadership Development and Action Plan.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

In an era of accelerated energy transition, how can leaders balance the immediate need for fossil fuel-based energy security with the long-term imperative of achieving net-zero emissions?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by moving beyond generic leadership theories to provide a deeply contextualized and forward-looking curriculum tailored specifically to the intricate realities of the energy and petrochemical sectors. Unlike broader management programs, every module, case study, and simulation is designed to address the unique confluence of challenges in this industry: extreme capital intensity, long-term investment cycles, significant geopolitical risk, and the complex pressures of the energy transition. The curriculum is not a historical review but a strategic toolkit for the future, focusing heavily on leading digital transformation, integrating ESG principles into core business models, and navigating the shift towards a lower-carbon economy. We emphasize the development of adaptive leadership, enabling participants to make sound decisions amidst ambiguity and market volatility. The course fosters a unique learning ecosystem where participants engage with peers facing identical challenges, creating a powerful network for collaborative problem-solving. The focus is on practical application, ensuring that leaders leave not just with knowledge, but with actionable strategies and a refined ability to lead their organizations toward a sustainable and profitable future.