



Energy and Sustainability Mini MBA



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Introduction:

The Energy and Sustainability Mini MBA training course, designed by Mercury Training Center, provides a comprehensive introduction to the dynamic fields of energy and sustainability. This course is tailored for professionals seeking to deepen their understanding of the critical intersections between energy management, environmental stewardship, and sustainable development.

Participants will gain insights into global energy trends, sustainable business practices, and the latest innovations driving the energy sector. This Energy and Sustainability Mini MBA training course equips leaders with the knowledge and skills necessary to navigate the complexities of today's evolving energy landscape by bridging the gap between traditional MBA disciplines and the unique challenges of energy sustainability.

Targeted Groups:

- Engineers, planners, or project coordinators are those responsible for managing the projects.
- Business development professionals who intend to expand their knowledge of the relationship between energy and sustainability.
- Strategists who are responsible for setting the organization's long-term goals and targets.
- Sustainability professionals aim to improve their business skills and practices.
- Financial analysts are interested in enhancing their performance through understanding energy and sustainability.

Course Objectives:

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

- Develop a strategic understanding of global energy markets.
- Explore sustainable business models and practices.
- Enhance knowledge of renewable energy technologies.
- Understand the financial dynamics within the energy sector.
- Build leadership skills for driving sustainability initiatives.
- Learn to manage environmental risks and regulatory compliance.
- Analyze corporate social responsibility in energy operations.
- Gain insights into innovations shaping the future of energy.
- Foster a holistic approach to energy management and sustainability.
- Prepare for strategic decision-making in energy and sustainability.

Targeted Competencies:

- Strategic Energy Management.
- Sustainable Business Practices.
- Environmental Stewardship.
- Renewable Energy Systems.
- Financial Acumen in the Energy Sector.
- Leadership in Sustainability Initiatives.
- Regulatory Compliance and Risk Management.
- Innovation in Energy Technologies.
- Corporate Social Responsibility CSR.
- Global Energy Market Trends.

Course Content:

Unit 1: Energy And Sustainability:

- Energy profile around the world.
- Major Energy Sources.
- Sustainability and the triple bottom line.
- The interaction between energy and sustainability.
- Current trends and issues related to energy and sustainability.
- Energy efficiency and how it could affect sustainability.

Unit 2: Strategic Management:

- Strategy and Management between past, present, and future.
- Organizational values and competitive advantages for energy companies.
- Porter Strategic directions.
- Environmental scanning analysis, external and internal environment.
- Strategy Formulation.
- Strategy Implementation.
- Evaluation and Control.

Unit 3: Project Management:

- The Meaning of the Project.
- Project Management in Energy Context.
- Project Lifecycle.
- Initiation Phase.
- Planning Phase.
- Execution Phase.
- Monitoring, Control, and Closing Phase.



Unit 4: Business Analytics & Financial Analysis of Energy Efficiency Projects:

- Sources and Types of Data in Energy Business.
- Measures of Central Tendency.
- Measures of Spread and Data Distribution.
- How does a CFO make decisions?
- Financial Terms.
- Marginal Cost of Energy.

Unit 5: Supply Chain Management:

- Introduction to Supply Chain.
- Evolution of Supply Chain.
- Learn about Energy and Supply Chain Planning.
- Supply Chain in the Energy Industry.
- Supply Chain and Sustainability.