Training Course on Energy and Sustainability Mini MBA

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today's rapidly evolving world, the convergence of **energy management** and **sustainability** has become paramount for organizational success and global well-being. This intensive Energy and Sustainability Mini MBA provides a robust understanding of critical concepts, innovative strategies, and practical tools necessary to navigate the complexities of the modern energy landscape while fostering environmentally responsible practices. Participants will gain invaluable insights into renewable energy technologies, energy efficiency measures, sustainability frameworks, and the economic drivers shaping this transformative sector. By mastering these **sustainability principles** and **energy solutions**, individuals and organizations can drive meaningful change, enhance operational efficiency, and contribute to a more resilient and sustainable future.

Training Course on Energy and Sustainability Mini MBA is meticulously designed to equip professionals with actionable knowledge and strategic perspectives in the interconnected domains of **renewable energy**, **energy policy**, and **corporate sustainability**. Through a blend of theoretical foundations, real-world case studies, and interactive learning methodologies, participants will develop the expertise to implement sustainable practices, optimize energy consumption, and contribute to their organization's environmental and economic goals. The Mini MBA emphasizes the importance of **circular economy** principles, **carbon footprint reduction**, and the integration of **ESG (Environmental, Social, and Governance) factors** into core business strategies. Graduates will emerge as sustainability champions, capable of leading their organizations towards a more sustainable and prosperous future

Programme Curriculum

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Course Duration

10 days

Course Objectives

1. Understand the fundamentals of **renewable energy sources** and their applications.
2. Analyze and implement strategies for **energy efficiency improvement** in various sectors.
3. Evaluate the principles and practices of the **circular economy**.
4. Develop methodologies for **carbon footprint assessment** and reduction.
5. Integrate **ESG reporting frameworks** into organizational strategies.
6. Navigate the complexities of **climate change mitigation** and adaptation.
7. Explore the role of **sustainable finance** and green investments.
8. Understand the impact of **energy policy and regulation** on sustainability initiatives.
9. Implement **sustainable supply chain management** practices.
10. Apply **life cycle assessment** to evaluate environmental impacts.
11. Develop strategies for **stakeholder engagement** in sustainability efforts.
12. Master the principles of **sustainable development goals (SDGs)** and their implementation.
13. Lead and manage **organizational sustainability transformations**.

Organizational Benefits

- Reduced energy costs through efficiency improvements.
- Enhanced brand reputation and stakeholder trust.
- Improved compliance with environmental regulations.
- Attraction and retention of environmentally conscious talent.
- Identification of new business opportunities in the green economy.
- Strengthened resilience against resource scarcity and climate risks.
- Contribution to a more sustainable and equitable future.
- Enhanced innovation through the adoption of sustainable technologies.

Target Audience

1. Energy Managers and Auditors
2. Sustainability Officers and Consultants
3. Corporate Executives and Leaders
4. Operations and Facility Managers
5. Project Managers
6. Government and Policy Officials
7. Investors and Financial Professionals
8. Individuals seeking career transitions into the green economy

Course Outline

Module 1: Foundations of Energy and Sustainability

- Defining key concepts: Energy, Sustainability, and Sustainable Development.
- The interconnectedness of energy systems and environmental impacts.
- Overview of global energy challenges and sustainability imperatives.
- Introduction to the history and evolution of sustainability movements.
- **Case Study:** Analysis of a company that successfully integrated sustainability into its core values.

Module 2: Renewable Energy Technologies and Applications

- Solar energy: Photovoltaics and solar thermal systems.
- Wind energy: Onshore and offshore wind power generation.
- Hydropower: Large-scale and small-scale hydro systems.
- Biomass and Bioenergy: Sources, conversion technologies, and sustainability considerations.
- **Case Study:** Examination of a large-scale renewable energy project and its impact.

Module 3: Energy Efficiency and Conservation

- Principles of energy auditing and management systems (e.g., ISO 50001).
- Energy efficiency measures in buildings, transportation, and industrial processes.
- Smart grid technologies and demand-side management.
- Behavioral economics and energy conservation strategies.
- **Case Study:** Implementation of energy-efficient technologies in a commercial building.

Module 4: The Circular Economy: Principles and Practices

- Understanding the linear vs. circular economy models.
- Strategies for waste reduction, reuse, and recycling.
- Product design for circularity and extended producer responsibility.
- Industrial symbiosis and resource sharing.
- **Case Study:** A company that has successfully transitioned to a circular business model.

Module 5: Carbon Footprint Assessment and Management

- Methodologies for calculating Scope 1, 2, and 3 greenhouse gas emissions.
- Setting carbon reduction targets and developing mitigation strategies.
- Carbon offsetting and carbon capture technologies.
- The role of carbon markets and pricing mechanisms.
- **Case Study:** A multinational corporation's journey to achieving carbon neutrality.

Module 6: Environmental, Social, and Governance (ESG) Frameworks

- Understanding the key components of ESG reporting.
- Major ESG reporting standards and frameworks (e.g., GRI, SASB, TCFD).
- Integrating ESG factors into investment decisions.
- Stakeholder engagement and materiality assessment.
- **Case Study:** Analysis of an ESG report and its implications for investors.

Module 7: Climate Change Science, Impacts, and Adaptation

- The science behind climate change and its observed impacts.
- Climate change projections and future scenarios.
- Strategies for climate change adaptation and resilience building.
- The role of international agreements and policies (e.g., Paris Agreement).
- **Case Study:** A community-led initiative to adapt to the impacts of climate change.

Module 8: Sustainable Finance and Green Investments

- Overview of green bonds, impact investing, and other sustainable finance instruments.
- Risk and return considerations in green investments.
- The role of financial institutions in promoting sustainability.
- Developing a business case for green projects.
- **Case Study:** Financing a large-scale renewable energy infrastructure project.

Module 9: Energy Policy, Regulation, and the Energy Transition

- Analysis of energy policies and regulatory frameworks at national and international levels.
- The impact of policies on the deployment of renewable energy and energy efficiency.
- Navigating the transition from fossil fuels to cleaner energy sources.
- The role of government incentives and subsidies.
- **Case Study:** The impact of a specific energy policy on the renewable energy sector.

Module 10: Sustainable Supply Chain Management

- Identifying and managing environmental and social risks in supply chains.
- Implementing sustainable sourcing and procurement practices.
- Life cycle assessment of products and supply chains.
- Collaboration with suppliers to improve sustainability performance.
- **Case Study:** A company that has successfully implemented a sustainable supply chain.

Module 11: Life Cycle Assessment (LCA) for Sustainability

- Understanding the principles and methodology of LCA.
- Defining the scope and boundaries of an LCA study.
- Data collection and impact assessment.
- Interpretation of LCA results and their application in decision-making.
- **Case Study:** Using LCA to compare the environmental impacts of different product designs.

Module 12: Stakeholder Engagement and Communication

- Identifying key stakeholders and their interests in sustainability.
- Developing effective communication strategies for sustainability initiatives.
- Building partnerships and collaborations for greater impact.
- Addressing stakeholder concerns and managing expectations.

- **Case Study:** A successful stakeholder engagement strategy for a sustainability project.

Module 13: Sustainable Development Goals (SDGs) and Implementation

- An in-depth understanding of the 17 SDGs and their targets.
- Integrating the SDGs into organizational strategies and reporting.
- Measuring and reporting on contributions to the SDGs.
- Collaborating across sectors to achieve the SDGs.
- **Case Study:** A company aligning its business operations with specific Sustainable Development Goals.

Module 14: Leading and Managing Organizational Sustainability Transformations

- Developing a vision and strategy for organizational sustainability.
- Building internal capacity and engaging employees in sustainability efforts.
- Overcoming barriers to sustainability implementation.
- Measuring and evaluating the success of sustainability initiatives.
- **Case Study:** The leadership journey of a company that underwent a significant sustainability transformation.

Module 15: The Future of Energy and Sustainability: Innovation and Trends

- Emerging trends in renewable energy technologies and energy storage.
- The role of digitalization and artificial intelligence in sustainability.
- Exploring innovative business models for a sustainable future.
- The potential of green hydrogen and other future energy carriers.
- **Case Study:** Analysis of a cutting-edge technology with the potential to revolutionize the energy and sustainability landscape.

Training Methodology

This Energy and Sustainability Mini MBA will employ a blended learning approach, incorporating:

- Interactive lectures and presentations by industry experts.
- Engaging group discussions and collaborative exercises.
- Real-world case study analysis and problem-solving activities.
- Practical tools and templates for immediate application.
- Guest speaker sessions from leading sustainability professionals.
- Optional site visits to sustainable energy facilities (if feasible).

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now