INDIAN INSTITUTE OF MANAGEMENT KOZHIKODE

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Globalizing Indian Thought

A NET-ZERO FUTURE –
TOWARDS BUSINESS SUSTAINABILITY

for Companies interested in aligning their business strategies with our net-zero future

December 22 – 24, 2025

Programme Overview:

Just as the human body relies on a diverse mix of nutrients to function optimally, businesses today must draw energy from multiple clean sources to ensure long-term resilience and efficiency. The heart pumps blood, the lungs provide oxygen, and the brain directs operations—each system working harmoniously. Similarly, companies must integrate energy diversification into their core strategy, blending renewables, efficiency measures, and smart technologies to sustain growth and remain competitive.

The Management Development Program on A Net-zero Future is designed to help top and middle management understand how energy functions as the lifeblood of modern businesses. Like a healthy body adapting to changing environments, organizations must transition from outdated, single-source energy reliance to a dynamic, multi-source model that embraces clean energy, carbon credits, and emerging technologies.

Over three days, this program will provide the "nutritional plan" for corporate energy strategies, covering key topics such as renewable energy, energy efficiency, government policies, electric vehicles, smart systems and other emerging technologies for energy transition. Participants will learn from industry case studies and business cautionary tales—such as Nokia and Kodak—on how failure to adapt led to their downfall.

By the end of the program, attendees will craft a personalized energy roadmap, ensuring their companies remain as agile and resilient as a well-maintained body. Just as good health leads to longevity, a well-diversified energy strategy ensures sustainable business growth in an era of rapid change.

Course Schedule:

Understanding Net-zero

What is Net-zero and why should you care?

- Why a net-zero future is a global imperative
- The global energy landscape: Fossil fuels vs. renewable energy
- Real-world trends in corporate energy strategies

The Economics of Energy Efficiency

- Cost-benefit analysis of energy-efficient technologies
- Energy-saving measures that reduce operational costs

Carbon Credits

- Understanding carbon markets and how businesses benefit
- Trading carbon credits: Revenue opportunities

Learning from Failures

- Why industry giants failed despite being leaders
- The risks of ignoring technological advancements
- Lessons for energy diversification and innovation

The Business Case for Clean Energy

Renewable Energy & Corporate Strategy

- Solar, wind, hydrogen, and biofuels
- ROI on renewable energy investments
- Corporate pioneers in clean energy

Emerging Technologies in Energy

- The challenges of variable renewable energy and how it is transforming the electricity supply systems
- Demand response for an efficient energy system
- Battery storage and the role of EVs
- Virtual Power Plants
- Futuristic electricity system philosophy

Digital Tools & AI for Energy Management

- Smart grids, AI in energy management, and IoT applications
- How digital tools optimize energy use
- How automation is reshaping energy supply and consumption
- AI-driven energy forecasting and cost savings
- Industry applications of AI in energy efficiency

Implementing Energy Innovation in Business Operations

- Steps to integrate clean energy in supply chains
- Employee engagement for a green culture

Government Policies, Regulations and Business Strategies

How Governments Shape Energy Markets

- Policy trends in the US, EU, China, Japan and India
- How policies impact corporate energy decisions

Global Clean Energy Investments & Future Trends

- Where capital is flowing: Green funds and sustainability bonds
- International collaboration on clean energy
- How businesses can attract investment in

green initiatives

Mergers, Partnerships, and Collaborations in Clean Energy

- How companies collaborate for shared energy goals
- Evaluating potential energy-sector partnerships

Crafting an Energy Strategy for Your Organization

- Group exercise: Develop a tailored energy transition plan
- Identifying key KPIs and milestones
- Peer review and expert feedback

Learning Outcome:

- Understanding global energy policies
- Gaining insights into carbon credits
- Learning from business failures and avoiding similar mistakes
- Staying ahead in the energy game through first-mover and fast-mover strategies
- Developing a concrete energy transition roadmap for long-term business resilience

Facilitators:

Prof. Anupam Das
Associate Professor,
Humanities & Liberal Arts in Management

Prof. Shubhasis Dey
Professor, Economics

Prof. Sidhartha S Padhi
Professor, Quantitative Methods and Operations Management

Programme Fee:

Rs. 60000 (Residential),
Rs. 50000 (Non-Residential).
GST @ 18%

Cancellation Policy:

Joining instructions will be sent to the selected candidates10 days prior to the start of the programme. Kindly do not make your travel plans unless you receive the confirmation email from IIM Kozhikode. If the programme is cancelled, the participants or the sponsoring organization will have the option to either get the fee paid by them adjusted against any other future management development programme(s) of the Institute or get a refund. IIM Kozhikode will not be liable for any other expenses incurred by the organization or the participant. Also the transaction fee will not be refunded.

भारतीय प्रबंध संस्थान कोषिक्कोड
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