MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

SUSTAINABLE DEVELOPMENT, ENERGY MANAGEMENT & EFFICIENCY

"Driving Sustainability Through Strategic Energy Planning and Performance Optimization"

Schedule

Date	Venue	Fees (Face-to-Face)
22 – 26 Jun 2026	London, UK	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

As global attention on climate change and energy security intensifies, organizations must take proactive steps toward sustainable development and energy efficiency. Beyond compliance, sustainable energy strategies enhance competitiveness, reduce costs, and contribute to long-term value creation.

This comprehensive 5-day training explores sustainability principles, energy management systems, and efficiency technologies. Participants will learn how to design and implement energy strategies, assess sustainability performance, and align operations with international frameworks such as ISO 50001, SDGs, and ESG targets.

Objectives

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

- Understand the principles of sustainable development in business and policy
- Design and implement energy management systems (EnMS) aligned with ISO 50001
- Identify energy-saving opportunities across facilities and operations
- Measure, report, and improve sustainability performance indicators
- Integrate sustainability into organizational strategy and decision-making

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Why Attend

- Acquire practical tools to improve energy efficiency across operations
- Learn how to develop and manage a sustainability roadmap
- Understand international standards, frameworks, and reporting practices
- Identify and prioritize energy-saving technologies and retrofits
- Support ESG performance and regulatory compliance initiatives

Target Audience

This program is designed for:

- Energy managers and sustainability officers
- Environmental engineers and facility managers
- Corporate strategy and operations leaders
- Auditors and compliance professionals
- ESG, CSR, and HSE professionals

Individual Benefits

Key competencies that will be developed include:

- Strategic energy and sustainability planning
- Performance benchmarking and efficiency measurement
- Risk and opportunity assessment in sustainable operations
- Application of EnMS and ISO 50001 frameworks
- Reporting and stakeholder communication in sustainability

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced energy consumption and operational costs
- Improved environmental performance and compliance
- Enhanced sustainability transparency and reporting
- Integration of energy efficiency into core business strategy
- Alignment with international sustainability and ESG benchmarks

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – International sustainability frameworks and trends
- Case Studies – Organizational energy and sustainability transformations
- Workshops – Conducting audits, setting KPIs, and building energy action plans
- Peer Exchange – Sharing sustainability initiatives and lessons learned
- Tools – Audit checklists, energy calculators, and EnMS templates

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Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Foundations of Sustainable Development and Energy Strategy

- Module 1: Introduction to Sustainability and Global Trends (07:30 – 09:30) • SDGs, ESG, climate goals, energy transition • Corporate responsibility and long-term value
- Module 2: Principles of Energy Management (09:45 – 11:15) • Energy demand, consumption patterns • Organizational roles and policy integration
- Module 3: Sustainability Frameworks and Standards (11:30 – 01:00) • ISO 50001, GRI, CDP, SASB, TCFD • Aligning reporting and performance
- Module 4: Workshop – Sustainability Maturity Assessment (02:00 – 03:30) • Evaluate current practices against global benchmarks

Day 2: Energy Efficiency Opportunities and Technologies

- Module 5: Identifying Energy Use and Losses (07:30 – 09:30) • Energy flow mapping and load analysis • High-impact areas and low-hanging fruits
- Module 6: Energy Efficiency in Systems (09:45 – 11:15) • HVAC, lighting, compressed air, boilers • Equipment upgrades and retrofits
- Module 7: Renewable Energy Integration (11:30 – 01:00) • Solar, wind, biomass, waste-to-energy options • Financial and environmental benefits
- Module 8: Workshop – Conduct a Mini Energy Audit (02:00 – 03:30) • Evaluate consumption and propose savings

Day 3: EnMS Design and Implementation (ISO 50001)

- Module 9: Structure of an Energy Management System (07:30 – 09:30) • Policy, objectives, energy review, baseline • Roles, documentation, and planning
- Module 10: Monitoring, Measurement, and Analysis (09:45 – 11:15) • Energy KPIs, metering, and dashboards • Measurement and verification (M&V)
- Module 11: Continuous Improvement and Internal Auditing (11:30 – 01:00) • PDCA cycle, corrective actions • Audit planning and evidence gathering
- Module 12: Workshop – Develop an EnMS Framework (02:00 – 03:30) • Build elements of a sample ISO 50001 system

Day 4: Strategy, Risk, and Performance Alignment

- Module 13: Strategic Planning for Sustainability (07:30 – 09:30) • Roadmapping and setting SMART targets • Prioritization and performance alignment
- Module 14: Financial Evaluation and Risk Management (09:45 – 11:15) • ROI, payback, LCCA for energy projects • Risk mitigation and energy security
- Module 15: Reporting and Communication (11:30 – 01:00) • Sustainability reports, stakeholder engagement • Green marketing and transparency
- Module 16: Workshop – Build a Sustainability Dashboard (02:00 – 03:30) • Visualize metrics and communication tools

Day 5: Integration and Organizational Change

- Module 17: Change Management for Sustainability (07:30 – 09:30) • Culture, leadership, and engagement • Overcoming resistance and building ownership
- Module 18: Best Practices and Global Case Studies (09:45 – 11:15) • Sector-specific success stories • Transferable strategies and models
- Module 19: Final Review and Knowledge Consolidation (11:30 – 01:00) • Lessons learned and summary of key tools • Open discussion and Q&A
- Module 20: Final Workshop – Sustainability Action Plan (02:00 – 03:30) • Create a plan for your facility or organization

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Certification

Participants will receive a Certificate of Completion in Sustainable Development, Energy Management & Efficiency, validating their knowledge and skills in driving sustainable energy performance and aligning operations with global best practices and standards.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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