MAWA EVENTS

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

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RENEWABLE ENERGY PROJECTS

"Develop Expertise in Planning, Implementation, and Management of Renewable Energy Projects"

Schedule

Date	Venue	Fees (Face-to-Face)
06 – 07 Sep 2026	Doha, Qatar	USD 1,995 per delegate

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

Introduction

The global shift toward renewable energy has made it imperative for professionals to understand the planning, execution, and management of sustainable energy projects. This course equips participants with knowledge of renewable energy technologies, project development lifecycle, financing, and regulatory considerations. Participants will gain practical insights to design, manage, and optimize renewable energy initiatives, ensuring maximum efficiency and impact.

Through interactive sessions, case studies, and workshops, attendees will explore real-world renewable energy projects, analyze challenges, and learn strategies to implement successful projects. By the end of the program, participants will be able to contribute effectively to the growth and sustainability of renewable energy initiatives.

Objectives

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

- Understand different renewable energy technologies and their applications.
- Plan and manage renewable energy projects effectively.
- Evaluate project feasibility, financial models, and risk factors.
- Ensure compliance with regulatory and environmental standards.
- Optimize renewable energy project performance and sustainability.

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Why Attend

- Gain practical insights into renewable energy project planning and management.
- Understand the latest trends, technologies, and financing options.
- Learn strategies to mitigate risks and ensure project success.
- Improve decision-making and project implementation skills.
- Network with professionals working in renewable energy and sustainability.

Target Audience

This program is designed for:

- Renewable energy engineers and project managers
- Energy consultants and sustainability professionals
- Technical and operations managers in energy projects
- Professionals involved in planning, financing, or managing energy projects
- Government officials and regulatory authorities in the energy sector

Individual Benefits

Key competencies that will be developed include:

- Understanding renewable energy technologies and project lifecycles.
- Ability to plan, implement, and manage sustainable energy projects.
- Skills to assess project feasibility, financial viability, and environmental impact.
- Enhanced knowledge of regulatory frameworks and compliance requirements.
- Capacity to optimize project performance and ensure long-term sustainability.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved planning and execution of renewable energy projects.
- Enhanced compliance with environmental and regulatory standards.
- Increased efficiency and cost-effectiveness in energy projects.
- Strengthened organizational expertise in sustainable energy initiatives.
- Ability to contribute to corporate sustainability goals and renewable energy adoption.

Instructional Methodology

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

- Strategy Briefings – Overview of renewable energy technologies, project development, and regulatory frameworks
- Case Studies – Analysis of successful renewable energy projects and lessons learned
- Workshops – Hands-on exercises in project planning, feasibility assessment, and performance optimization
- Peer Exchange – Group discussions on challenges and best practices in renewable energy implementation
- Tools – Templates for project planning, risk assessment, financial modeling, and compliance tracking

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Course Outline

Detailed 2-Day 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: Introduction to Renewable Energy Projects

Module 1: Renewable Energy Technologies (07:30 – 09:30)

- Overview of solar, wind, hydro, and other renewable energy sources
- Technical principles and applications of each technology
- Advantages, limitations, and suitability for different projects

Module 2: Project Planning and Feasibility (09:45 – 11:15)

- Project lifecycle and stages of development
- Feasibility studies and resource assessment
- Financial modeling and investment evaluation

Module 3: Regulatory and Environmental Considerations (11:30 – 01:00)

- Compliance with local and international regulations
- Environmental impact assessments and sustainability practices

Module 4: Case Study and Workshop (02:00 – 03:30)

- Interactive exercises on project planning and risk analysis
- Group discussion and peer feedback

Day 2: Implementation, Management, and Optimization

- Module 1: Project Execution and Monitoring
- Module 2: Risk Management and Mitigation Strategies
- Module 3: Performance Optimization and Sustainability Measures
- Module 4: Action Planning Workshop and Lessons Learned

Certification

Participants will receive a Certificate of Completion in Renewable Energy Projects, validating their expertise in renewable energy technologies, project planning, execution, and sustainable management practices.

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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