MAWA EVENTS

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

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ENERGY OUTLOOK – OIL & GAS VS. RENEWABLES

"Navigating the Future of Energy: Balancing Fossil Fuels and Clean Alternatives"

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

The global energy landscape is undergoing a significant transformation. While oil and gas continue to power much of the world's industry and infrastructure, the rapid growth of renewables is redefining long-term energy strategies, investment priorities, and geopolitical alignments. Energy professionals must now assess market trends, regulatory pressures, and emerging technologies to remain competitive and sustainable.

This forward-looking course offers a comprehensive comparison between oil & gas and renewable energy sources. It enables participants to critically evaluate economic, technological, and environmental dynamics and how these shape national and corporate energy agendas.

Objectives

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

- Understand global energy demand trends and regional outlooks
- Evaluate the competitive landscape between fossil fuels and renewables
- Analyze policy, carbon regulation, and ESG drivers influencing energy decisions
- Identify investment risks and opportunities in different energy sectors
- Develop balanced and adaptable long-term energy strategies

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Why Attend

- Gain strategic insights into future energy supply and demand scenarios
- Understand how energy transitions impact markets, assets, and policies
- Explore new technologies shaping both oil & gas and renewable sectors
- Anticipate disruptions and align your organization with global sustainability goals
- Enhance your ability to advise or lead energy transition strategies

Target Audience

This program is designed for:

- Energy executives and managers
- Oil & gas strategists and planners
- Renewable energy professionals
- ESG, sustainability, and regulatory specialists
- Financial analysts and investors in the energy sector
- Policy makers and infrastructure planners

Individual Benefits

Key competencies that will be developed include:

- Comparative knowledge of hydrocarbon and renewable energy dynamics
- Insight into the economics, policy, and risk profiles of each energy source
- Ability to conduct energy scenario planning and impact assessments
- Skills to evaluate technologies, markets, and regulatory trends
- Strategic thinking for guiding or adapting to the energy transition

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved forecasting of energy trends and disruptions
- Enhanced decision-making in energy investments and divestments
- Alignment with carbon reduction, ESG, and sustainability frameworks
- Better risk management related to energy supply and regulatory changes
- Ability to future-proof operations through diversified energy planning

Instructional Methodology

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

- Strategy Briefings – Global energy trends, decarbonization, and demand modeling
- Case Studies – Comparative analysis of national energy strategies and energy mix shifts
- Workshops – Scenario planning and energy strategy simulations
- Peer Exchange – Group discussions on regional energy experiences and corporate challenges
- Tools – Energy transition models, carbon pricing tools, and technology evaluation templates

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

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: Global Energy Trends and Transition Drivers

- Module 1: Global Energy Supply & Demand Forecasts (07:30 – 09:30)
- IEA, OPEC, BP, and national energy outlooks
- Regional consumption and energy security issues
- Module 2: Energy Transition Concepts and Key Drivers (09:45 – 11:15)
- Decarbonization, electrification, efficiency, digitalization
- Module 3: Government Policies and International Agreements (11:30 – 01:00)
- COP targets, national energy strategies, incentives and taxes
- Module 4: Workshop – Mapping Regional Energy Profiles (02:00 – 03:30)

Day 2: The Future of Oil & Gas

- Module 1: Oil & Gas Supply Trends and Investment Outlook (07:30 – 09:30)
- Reserves, shale growth, offshore projects, OPEX/Capex dynamics
- Module 2: Decarbonizing Oil & Gas – CCUS, Methane Reduction (09:45 – 11:15)
- Emissions management, low-carbon LNG, H2 from hydrocarbons
- Module 3: Geopolitical Risks and Fossil Fuel Dependencies (11:30 – 01:00)
- Russia, Middle East, and critical infrastructure risks
- Module 4: Case Study – Oil Majors & Energy Diversification (02:00 – 03:30)

Day 3: Rise of Renewable Energy and Clean Tech

- Module 1: Solar, Wind, Hydro, and Bioenergy Advances (07:30 – 09:30)
- LCOE trends, intermittency, integration challenges
- Module 2: Hydrogen Economy and Battery Storage (09:45 – 11:15)
- Electrolysis, fuel cells, grid-scale storage technologies
- Module 3: Renewable Project Development and Financing (11:30 – 01:00)
- PPAs, feed-in tariffs, ESG-linked investments
- Module 4: Workshop – Renewable Feasibility Analysis (02:00 – 03:30)

Day 4: Comparing Economics, Risks, and ESG Pressures

- Module 1: Cost Competitiveness – Oil & Gas vs. Renewables (07:30 – 09:30)
- CAPEX, OPEX, LCOE, subsidies, market pricing
- Module 2: ESG, Sustainability, and Reporting (09:45 – 11:15)
- Carbon reporting, ESG metrics, Scope 1–3 emissions
- Module 3: Energy Project Risk Management (11:30 – 01:00)
- Political, regulatory, climate, and technology risks
- Module 4: Group Debate – Fossil Fuel Phase-Out vs. Energy Coexistence (02:00 – 03:30)

Day 5: Future-Proofing Energy Strategy

- Module 1: Integrated Energy Strategy Development (07:30 – 09:30)
- Hybrid energy models, sector coupling, and diversification
- Module 2: National and Corporate Transition Pathways (09:45 – 11:15)
- Decarbonization roadmaps, net-zero plans, energy independence
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Module 3: Final Review and Strategy Simulation (11:30 – 01:00)

- Scenario planning, forecasting, risk-adjusted decision-making
- Module 4: Workshop – Building an Adaptable Energy Outlook (02:00 – 03:30)

Certification

Participants will receive a Certificate of Completion in Energy Outlook – Oil & Gas vs. Renewables, validating their proficiency in analyzing energy market trends, assessing transition risks, and developing forward-looking energy strategies.

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**